

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée
(11) WO 2004/105457 (13) A2
(21) PCT/KR2004/001159
(22) 17 May/mai 2004 (17.05.2004)
(25) en (26) en
(30) 10-2003-0031094 16 May/mai 2003 KR (16.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • HYBRID COMPOSITE JOURNAL BEARING AND MANUFACTURING METHOD THEREOF
• SUPPORT DE JOURNAL COMPOSITE HYBRIDE ET SON PROCÉDE DE FABRICATION
(71) KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 373-1, Gusung-dong, Yusong-gu, Daejeon 305-701 (KR). SAMSUNG HEAVY IND. CO., LTD. [KR/KR]; 647-9, Yeoksam 1-dong, Gangnam-gu, Seoul 135-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LEE, Dai Gil [KR/KR]; 501-904 EXPO APT., 464-1 Jeonmin-dong, Yusong-gu, Daejeon 305-762 (KR). KIM, Hyoung Geun [KR/KR]; 108-103 Daelim Durac APT., Shinsung-dong, Yusong-gu, Daejeon 305-720 (KR). KIM, Seong Su [KR/KR]; 28 Sangseo, Simok-ri, Dundook-myeon, Geoje-si, Gyeongsangnam-do 656-871 (KR). BANG, Kyung Kun [KR/KR]; 404-301 Hwasoo Joogong APT., 650 Hwasoo-dong Jangan-gu, Suwon-si, Gyeonggi-do 440-150 (KR).
(74) JEON, Young-II; KWTC P.O. Box 243, #4202, Trade Tower, World Trade Center Samsung-dong, Kangnam-gu, Seoul 135-729 (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (25) en (26) en
(30) 60/472,905 23 May/mai 2003 US (23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • GAMING SYSTEM HAVING SELECTIVE SYNCHRONIZED MULTIPLE VIDEO STREAMS FOR COMPOSITE DISPLAY AT THE GAMING MACHINE
• SYSTEME DE JEU COMPRENANT DES FLOTS VIDEO MULTIPLES SYNCHRONISES POUR AFFICHAGE COMPOSITE AU NIVEAU DE LA MACHINE DE JEU
(71) ARISTOCRAT TECHNOLOGIES, INC. [US/US]; 7230 Amigos Street, Las Vegas, NV 89119 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72) CRAM, Marc; 2155 Capri Court, Las Vegas, NV 89123 (US).
(74) JARVIS, Lawrence, M.; McAndrew, Held & Mally, Ltd., 500 West Madison Street, 34th Floor, Chicago, IL 60661 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A01B 45/00
(11) WO 2004/105459 (13) A1
(21) PCT/US2004/014288
(22) 6 May/mai 2004 (06.05.2004)
(25) en (26) en
(30) 10/249,960 22 May/mai 2003 US (22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • TURF CUTTING AND HANDLING SYSTEM FOR GOLF GREEN CUP
• SYSTEME DE MANIPULATION ET DE COUPE DE GAZON EN PLAQUE POUR GODET DE GREEN DE GOLF
(71, 72) FRIDD, Bruce, A. [US/US]; 304 Outer Drive, Tecumseh, MI 49286 (US).
(74) DROUILLARD, Jerome, R.; Dykema Gossett PLLC, Suite 400, 2723 South State Street, Ann Arbor, MI 48104 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A01C
(11) WO 2004/105460 (13) A2
(21) PCT/US2004/016732
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 60/473,198 27 May/mai 2003 US (27.05.2003)
(30) 60/473,197 27 May/mai 2003 US (27.05.2003)
(30) 60/479,724 20 Jun/juin 2003 US (20.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • LIQUID FERTILIZER INCORPORATING BIOSOLIDS AND HIGH CONCENTRATIONS OF AMMONIUM
• FERTILISANTS LIQUIDES CONTENANT DES BIOSOLIDES AINSI QUE DE FORTES CONCENTRATIONS D'AMMONIUM
(71) UNIFIED ENVIRONMENTAL SERVICES GROUP [US/US]; 510 Thornton Street, Suite 370, Edison, NJ 08837 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BURNHAM, Jeffrey, C. [US/US]; 2741 Ardisia Lane, Naples, FL 34109 (US). DAHMS, Gary, L. [US/US]; 19651 Nounan Road, Soda Springs, ID 83276 (US).
(74) REMENICK, James et al. / etc.; Morrison & Foerster LLP, 1650 Tysons Boulevard, Suite 300, McLean, VA 22102 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (51) Not classified / non classée
(11) WO 2004/105458 (13) A2
(21) PCT/US2004/016263
(22) 21 May/mai 2004 (21.05.2004)

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01D 34/84 // 34/86

(11) WO 2004/105461 (13) A1

(21) PCT/DK2004/000369

(22) 27 May/mai 2004 (27.05.2004)

(25) da (26) en

(30) PA 2003 00803 27 May/mai 2003 DK (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CUTTER UNIT FOR STAND SURROUNDING UPRIGHT FIXTURES

- UNITE COUPANTE POUR ELEMENTS MONTANTS ENTOURANT UN PILIER

(71, 72) VILLEMoes, Mads [DK/DK]; Torsvej 1, DK-7620 Lemvig (DK). PEDERSEN, Bøje [DK/DK]; Vester Lemtorp 29, DK-7620 Lemvig (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01D 43/10

(11) WO 2004/105462 (13) A1

(21) PCT/FR2004/050183

(22) 7 May/mai 2004 (07.05.2004)

(25) fr (26) fr

(30) 03 06286 23 May/mai 2003 FR (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE FOR PROCESSING FODDER
• DISPOSITIF DE TRAITEMENT DU FOURRAGE

(71) KUHN S.A. [FR/FR]; 4 IMPASSE DES FABRIQUES, F-67706 SAVERNE CEDEX (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILHELM, Joël [FR/FR]; 3 L'ENCLOS, F-57820 SAINT-LOUIS (FR).

(74) ANDRES, Jean-Claude; 4, IMPASSE DES FABRIQUES, F-67706 SAVERNE (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A01D 46/28

(11) WO 2004/105463 (13) A1

(21) PCT/EP2004/050945

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0306392 27 May/mai 2003 FR (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HARVESTING DEVICE COMPRISING FLEXIBLE LINKS FOR A MACHINE FOR HARVESTING FRUITS, BERRIES AND THE LIKE

- DISPOSITIF DE CUEILLETTE COMPRENANT DES ELEMENTS DE LIAISON FLEXIBLES, DESTINE A UNE MACHINE POUR LA CUEILLETTE DE FRUITS, BAIES ET SIMILAIRE

(71) CNH FRANCE S.A. [FR/FR]; Rue des Menuisiers, F-60330 Le Plessis-Belleville (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÉRANT, Jean-Camille [FR/FR]; La Faverie, F-85220 La Chapelle-Hermier (FR). DEFURNE, Christophe, Robert [FR/FR]; 48 rue G. Clémenceau, F-85220 La Chapelle Hermier (FR).

(74) CNH IP Department; CNH Belgium N.V., Leon Claeysstraat 3A, B-8210 Zedelgem (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01G

(11) WO 2004/105464 (13) A2

(21) PCT/US2004/013688

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/444,613 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLOW CONTROL FOR IRRIGATION MACHINES

- COMMANDE DES JETS POUR MACHINES D'ARROSAGE

(71) LINDSAY MANUFACTURING COMPANY [US/US]; 214 East 2nd Street, Lindsay, NE 68644 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHOAT, Wayne, D. [US/US]; 1311 Beaver Street, St. Edward, NE 68660 (US). CALLIES, Robert, E. [US/US]; 2184 Road NO.2, P.O. Box 8, Leigh, NE 68643 (US).

(74) TIMMONS, Stephen, D.; Hovey Williams LLP, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01G 23/095, 23/097

(11) WO 2004/105465 (13) A1

(21) PCT/CA2004/000799

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2,431,601 29 May/mai 2003 CA (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- TREE PROCESSOR
• EBRANCHEUSE-TRONÇONNEUSE

(71, 72) DUVAL, Alain [CA/CA]; 4215E, 11th Street North East, Calgary, Alberta T2E 6K4 (CA).

(74) EDWARDS, Antony, C.; c/o Petraroia Langford Edwards & Rush, 800-1708 Dolphin Avenue, Kelowna, British Columbia V1Y 9S4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01H

(11) WO 2004/105466 (13) A2

(21) PCT/US2004/016092

- (22) **21 May/mai 2004 (21.05.2004)**
 (25) en (26) en
 (30) 10/443,724 **22 May/mai 2003 US (22.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • FLORAL TRANSFORMATION
 • TRANSFORMATION DE FLEURS
 (71) RUTGERS, THE STATE UNIVERSITY [US/US]; Rutgers University OCLTT, AS-BIII, 3 Rutgers Plaza, New Brunswick, NJ 08901 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LEUSTEK, Thomas [US/US]; 355 Durham Court, Union, NJ 07083 (US).
 (74) GERBER, Monica, R. et al. / etc.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K
 (11) WO 2004/105467 (13) A2
 (21) PCT/EP2004/005714
 (22) **27 May/mai 2004 (27.05.2004)**
 (25) de (26) de
 (30) 203 08 438.1 **28 May/mai 2003 DE (28.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • ANIMAL FEEDING DEVICE
 • SYSTEME POUR ALIMENTER DES ANIMAUX
 (71) M4 GMBH INNOVATIVE PET PRODUCTS [DE/DE]; Von-Liebig-Strasse 21, 89231 Neu-Ulm (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HAMMER, Markus [DE/DE]; Memelstrasse 27, 89231 Neu-Ulm (DE).
 (74) HOFFMANN EITL; Arabellastrasse 4, 81925 München (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K
 (11) WO 2004/105468 (13) A2
 (21) PCT/US2004/015634
 (22) **19 May/mai 2004 (19.05.2004)**
 (25) en (26) en
 (30) 60/473,307 **27 May/mai 2003 US (27.05.2003)**
 (30) 10/770,926 **3 Feb/fév 2004 US (03.02.2004)**
 (30) 60/528,893 **15 Apr/avr 2004 US (15.04.2004)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • RETRACTABLE LEASH DEVICE
 • DISPOSITIF DE LAISSE RETRACTABLE
 (71) ARTICA LLC [US/US]; 2101 Carlmont Drive, #212, Belmont, CA 94002 (US).
 (72) WAXMAN, Jared; 2101 Carlmont Drive, #212, Belmont, CA 94002 (US). JOHNSTON, Andrew; 318 Poplar Avenue, Redwood City, CA 94061 (US).
 (74) FREIBURGER, Thomas, M.; P.O. Box 1026, Tiburon, CA 94920 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K
 (11) WO 2004/105469 (13) A2
 (21) PCT/US2004/016420
 (22) **24 May/mai 2004 (24.05.2004)**
 (25) en (26) en
 (30) 60/473,174 **23 May/mai 2003 US (23.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • FISHING ROD AND METHOD OF MANUFACTURE
 • CANNE A PECHE ET SON PROCEDURE DE PRODUCTION
 (71, 72) MACA, Wayne J. [US/US]; P.O. Box 429, 205 N. Madison, Twin Bridges, Montana 59754 (US).
 (74) MATSON, Charles R. et al. / etc.; Dorsey & Whitney LLP, 370 Seventeenth Street, Suite 4700, Denver, Colorado 80202-5647 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 1/01
 (11) WO 2004/105470 (13) A1
 (21) PCT/EP2004/005132
 (22) **13 May/mai 2004 (13.05.2004)**
 (25) en (26) en
 (30) 103 24 676.2 **30 May/mai 2003 DE (30.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • HOOD FOR USE WITH A DISPOSABLE OR REUSABLE LAVATORY TRAY
 • PROTECTION A UTILISER AVEC UN COMPARTIMENT TOILETTE JETABLE OU REUTILISABLE
 (71) MARS INCORPORATED [US/US]; 6885 Elm Street, McLean, VA 2201-3883 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LANGE, Dietmar [DE/DE]; Deutscherrenstrasse 95a, 56179 Vallendar (DE).
 (74) WINKLER, Andreas et al. / etc.; Boehmert & Boehmert, Hollerallee 32, 28209 Bremen (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 1/03
 (11) WO 2004/105471 (13) A2
 (21) PCT/EP2004/005720
 (22) **27 May/mai 2004 (27.05.2004)**
 (25) de (26) de
 (30) 203 08 440.3 **28 May/mai 2003 DE (28.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • SLEEPING PLACE FOR PETS
 • COUCHETTE POUR ANIMAUX DOMESTIQUES
 (71) M4 GMBH INNOVATIVE PET PRODUCTS [DE/DE]; Von-Liebig-Strasse 21, 89231 Neu-Ulm (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HAMMER, Markus [DE/DE]; Memelstrasse 27, 89231 Neu-Ulm (DE).

(74) **HOFFMANN EITLÉ**; Arabellastrasse 4, 81925 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A01K 3/00, H01B 17/00**

(11) **WO 2004/105472** (13) A1

(21) PCT/NZ2004/000103

(22) **27 May/mai 2004 (27.05.2004)**

(25) en (26) en

(30) 526132 **27 May/mai 2003 (27.05.2003)** NZ

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GATE CLIP

• PINCE POUR PORTE

(71, 72) **HAGENSON, Leo** [NZ/NZ]; 267 Inland Nth Road, RD 43, Waitara (NZ).

(74) **WEST-WALKER, Gregory, J.**; A J Park, 6th Floor, Huddart Parker Building, Post Office Square, P.O. Box 949, Wellington 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A01K 5/01**

(11) **WO 2004/105473** (13) A1

(21) PCT/EP2004/005868

(22) **31 May/mai 2004 (31.05.2004)**

(25) de (26) de

(30) 103 24 762.9 **1 Jun/juin 2003 (01.06.2003)** DE

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FEEDING BOWLS COMPRISING SPECIES-SPECIFIC AND BEHAVIOUR-RELATED FUNCTIONAL AREAS

• ECUELLES PRESENTANT DES ZONES FONCTIONNELLES ADAPTEES AU TYPE D'ANIMAL UTILISANT L'ECUELLE ET AU COMPORTEMENT DE CE DERNIER

(71, 72) **FOLDENAUER, Willi** [DE/DE]; Paganistrasse 92, 81247 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A01K 29/00**

(11) **WO 2004/105474** (13) A1

(21) PCT/CA2003/000773

(22) **30 May/mai 2003 (30.05.2003)**

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • THE USE OF INFRARED THERMOGRAPHY IN LIVE ANIMALS TO PREDICT GROWTH EFFICIENCY

• UTILISATION DE LA THERMOGRAPHIE INFRAROUGE CHEZ DES ANIMAUX VIVANTS AFIN DE PREDIRE LEUR TAUX DE CROISSANCE

(71, 72) **HARRISON, Harry, J., S.** [CA/CA]; 9039 Altair Place, Burnaby, Vancouver, British Columbia V3J 1A8 (CA). **SCOTT, Shannon, L.** [CA/CA]; 3 Elderwood Drive, Brandon, Manitoba R7A 2J3 (CA). **CHRISTOPHERSON, Robert, J.** [CA/CA]; 11508 - 36A Avenue, Edmonton, Alberta T6J 0G2 (CA). **KENNEDY, Alma, D.** [CA/CA]; 266 Ash Street, Winnipeg, Manitoba R3N 0P7 (CA). **TONG, Alan, K., W.** [CA/CA]; 51 Bruns Crescent, Lacombe, Alberta T4L 1N9 (CA). **SCHAEFER, Allan, L.** [CA/CA]; P.O. Box 5451, Lacombe, Alberta T4L 1X2 (CA).

(74) **MCKAY-CAREY, Mary, Jane**; McKay-Carey & Company, 2590 Commerce Place, 10155-102 Street, Edmonton, Alberta T5J 4G8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A01K 61/00**

(11) **WO 2004/105475** (13) A1

(21) PCT/US2004/016189

(22) **21 May/mai 2004 (21.05.2004)**

(25) en

(26) en

(30) 10/444,757 **23 May/mai 2003 (23.05.2003)** US

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR CONTROLLING FISH FLOW WITH JET DEVICE

• SYSTEME ET PROCEDE POUR CONTROLER LE PASSAGE DE POISSONS AU MOYEN D'UN DISPOSITIF A JET

(71) **NORTHWEST MARINE TECHNOLOGY, INC.** [US/US]; P.O. Box 427, Ben Nevis Road, Shaw Island, WA 98286 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASSEY, James** [US/US]; P.O. Box 427, Ben Nevis Road, Shaw Island, WA 98286 (US). **BRESSLER, David** [US/US]; 20775 Hemlock Street NE, Indianola, WA 98342 (US).

(74) **BRENEISEN, Albert, J.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A01K 63/04**

(11) **WO 2004/105476** (13) A1

(21) PCT/EP2004/005791

(22) **28 May/mai 2004 (28.05.2004)**

(25) de (26) de

(30) 103 24 563.4 **30 May/mai 2003 (30.05.2003)** DE

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR SUPPLYING A BIOLOGICALLY UTILIZED AQUEOUS SYSTEM WITH OXYGEN, AND DEVICE AND SET FOR CARRYING OUT SAID METHOD

• PROCEDE POUR ALIMENTER EN OXYGENE UN SYSTEME AQUEUX D'UTILISATION BIOLOGIQUE, DISPOSITIF ET SET POUR REALISER CE PROCEDE

(71, 72) **SÖCHTING, Klaus** [DE/DE]; Sonnenhamerstrasse 13, 82544 Attenham (DE).

(74) **HOFFMANN EITLÉ**; Arabellastrasse 4, 81925 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A01K 67/027

(11) WO 2004/105477 (13) A2

(21) PCT/FR2004/001275

(22) 24 May/mai 2004 (24.05.2004)

(25) fr (26) fr

(30) 03/06223 23 May/mai 2003 FR
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR CLONING IN THE RAT
BY NUCLEAR TRANSFER

• PROCEDE DE CLONAGE DU RAT PAR
TRANSFERT NUCLEAIRE

(71) INSTITUT NATIONAL DE LA
RECHERCHE AGRONOMIQUE
[FR/FR]; 145, rue de l'Université, F-75007
Paris (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) COZZI, Jean [FR/FR]; 95, rue Bosset,
F-69007 Lyon (FR). ZHOU, Qi [CN/CN];
XinkeXiang Yuan, 2-1810 room Kexueyan
Nan Road, HaiDian District, Beijing 100080
PR (CN). RENARD, Jean-Paul [FR/FR]; 7,
rue Julien, F-92170 Vanves (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cab-
inet Regimbeau, 129, rue Servient, F-69326
Lyon Cedex 03 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01K 83/00, 85/00, 87/00, 97/00

(11) WO 2004/105478 (13) A1

(21) PCT/AU2004/000101

(22) 30 Jan/jan 2004 (30.01.2004)

(25) en (26) en

(30) 2003902722 2 Jun/juin 2003 AU
(02.06.2003)

(30) 2003905013 16 Sep/sep 2003 AU
(16.09.2003)

(30) 2003905330 1 Oct/oct 2003 AU
(01.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FISH HOOK PROTECTOR

• PROTECTEUR POUR HAMECONS

(71, 72) BUCKLEY, David, Leonard [AU/AU];
5 Murray Street, Nelly Bay, Queensland 4819
(AU).

(74) GARDNER, John, R, G.; Suite 398, 15
Albert Avenue, Broadbeach, Gold Coast,
Queensland 4218 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ A01M

(11) WO 2004/105479 (13) A2

(21) PCT/US2004/016570

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/473,411 28 May/mai 2003 US
(28.05.2003)

(30) 60/547,164 25 Feb/fév 2004 US
(25.02.2004)

(30) 10/831,904 26 Apr/avr 2004 US
(26.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INSECT TRAPS

• PIEGES A INSECTES

(63) US 10/831,904 (CON)
26 Apr/avr 2004 (26.04.2004)

(71, 72) LONG, Roger [US/US]; 673 Gilchrist
Court, Hernando, FL 34442 (US).

(74) CHURCH, Richard; 19 Westview Terrace,
Womelsdorf PA 19567-9754 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01M 1/02, 1/06

(11) WO 2004/105480 (13) A1

(21) PCT/US2004/014706

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/445,199 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRAP WITH FLUSH VALVE

• PIEGE A CLAPET DE VIDANGE

(71) AMERICAN BIOPHYSICS CORP.
[US/US]; 140 Frenchtown Road, North
Kingstown, RI 02852 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DURAND, Emma, A. [US/US]; 64 Wal-
cott Avenue, Jamestown, RI 02835 (US). OS-
TER, Richard, M. [US/US]; 223 Rumstick
Road, Barrington, RI 02806 (US).

(74) COLLINS, Bryan, P. et al. / etc.; Pillsbury
Winthrop LLP, P.O. Box 10500, McLean, VA
22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A01M 1/02, F23N 1/00, F23D 14/50,
A01M 1/06, 1/10

(11) WO 2004/105481 (13) A1

(21) PCT/US2004/014707

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/445,245 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRAP WITH IMPROVED FLOW REG-
ULATOR

• PIEGE A REGULATEUR
D'ECOULEMENT AMELIORE

(71) AMERICAN BIOPHYSICS CORP.
[US/US]; 140 Frenchtown Road, North
Kingstown, RI 02852 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DURAND, Emma, A. [US/US]; 64
Walcott Avenue, Jamestown, RI 02835
(US). PALOMBO, Michael, J. [US/US]; 5
Marigold Drive, Warwick, RI 02889 (US).

(74) COLLINS, Bryan, P. et al. / etc.; Pillsbury,
Winthrop, LLP, P.O. Box 10500, McLean, VA
22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A01N
- (11) WO 2004/105482 (13) A2
- (21) PCT/EP2004/005254
- (22) 15 May/mai 2004 (15.05.2004)
- (25) en (26) en
- (30) 2003-152242 29 May/mai 2003 JP
(29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HERBICIDAL COMPOSITIONS FOR
PADDY FIELD
• COMPOSITIONS HERBICIDES POUR
RIZIERE
- (71) BAYER CROPSCIENCE AG [DE/DE];
Alfred-Nobel-Str. 50, 40789 Monheim (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ENDO, Keiji [JP/JP]; 4233-4, Ami,
Ami-machi, Inashiki-gun, Ibaraki 300-0331
(JP). ITO, Seishi [JP/JP]; 1-41-10, Ekihi-
gashidoori, Oyama-shi, Tochigi 323-0022
(JP). MUKAIDA, Hideshi [JP/JP]; 5-25-74,
Goshogaoka, Moriya-shi, Ibaraki 302-0119
(JP).
- (74) BAYER CROPSCIENCE AG; Law and
Patents, Patents and Licensing, 51368 Lev-
erkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A01N 1/02
- (11) WO 2004/105484 (13) A1
- (21) PCT/US2004/016085
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 10/443,452 22 May/mai 2003 US
(22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM FOR EXSANGUINOUS
METABOLIC SUPPORT OF AN OR-
GAN OR TISSUE
• SYSTEME DE SOUTIEN METABO-
LIQUE EXEMPT DE SANG POUR UN
ORGANE OU UN TISSU
- (71) BREONICS, INC. [—/US]; P.O. Box 870,
229 Old Mountain Road, Otisville, NY 10963
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BRASILE, Lauren [US/US]; 61
Meadow Lane, Albany, NY 12208 (US).
- (74) DIAS, Kathy Smith et al. / etc.; HESLIN
ROTHENBERG FARLEY & MESITI P.C., 5
Columbia Circle, Albany, NY 12203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A01N 1/02
- (11) WO 2004/105483 (13) A1
- (21) PCT/US2003/015063
- (22) 14 May/mai 2003 (14.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • STORAGE OF BLOOD
• STOCKAGE DE SANG
- (71) BIOENERGY, INC. [US/US]; 13840 John-
son Street N.E., Ham Lake, MN 55304 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) JOHNSON, Clarence [US/US]; 5249
190th Lane NE, Wyoming, MN 55092 (US).
ERICSON, Daniel, G. [US/US]; 603 Hill
Avenue S.W., Rochester, MN 55902 (US).
ST. CYR, John, A. [US/US]; 12683 Drake
St. NW, Coon Rapids, MN 55448 (US).
- (74) TERRY, Kathleen, R.; 13840 Johnson St.
NE, Ham Lake, MN 55304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A01N 25/00
- (11) WO 2004/105485 (13) A2
- (21) PCT/NL2004/000387
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) PCT/NL03/00409 30 May/mai 2003 NL
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INDUCIBLE RELEASE VEHICLES
• EXCIPIENTS A LIBERATION SUR DE-
MANDE
- (71) NEDERLANDSE ORGANISATIE VOOR
TOEGEPAST-NATUURWETENSCHAP-
PELIJK ONDERZOEK TNO [NL/NL];
Schoemakerstraat 97, NL-2628 VK Delft
(NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) THIJSEN, Henricus, Matheus, Wil-
helmus, Maria [NL/NL]; Patriottenland
4, NL-3994 TT Houten (NL). MONTIJN,
Roy, Christiaan [NL/NL]; Werengouw 9,
NL-1024 NL Amsterdam (NL). TIMMER-
MANS, Johannes, Wilhelmus [NL/NL];
Schoonenburg 188, NL-6714 GG Ede (NL).
- (74) WINCKELS, J., H., F.; Vereenigde, Nieuwe
Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A01N 25/18
- (11) WO 2004/105486 (13) A1
- (21) PCT/KR2004/001245
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ko (26) en
- (30) 10-2003-0033551 27 May/mai 2003 KR
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AN INSECTICIDE COMPOSITION FOR
INDUSTRIAL HYGIENL AND A WICK
FOR USED THEREAL
• COMPOSITION INSECTICIDE POUR
HYGIENE INDUSTRIELLE ET MECHE
POUR UTILISATION CORRESPON-
DANTE
- (71) KUKBO PHARMA CO., LTD [KR/KR];
53-31, Songjeong-Dong, Heungdeok-Gu,
Cheongju-City, Chungcheongbuk-Do
361-290 (KR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) AHN, Min-Dong [KR/KR]; 107-1003,
Woosung Apt, Daesung-Dong, Sangdang-Gu,
Cheongju-City, Chungcheongbuk-Do
360-769 (KR). JEON, Young-Soo [KR/KR];
401, Nakwon Apt, Chang-Ri, Ochang-Myon,
Cheongwon-Gun, Chungcheongbuk-Do
363-883 (KR).
- (74) YOON, Eui-Sang; 2F, S & M Business
Support Center, 1508-1 Kakyung-Dong, He-
ungdeok-Gu, Cheongju-City, Chungcheong-
buk-Do 361-802 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A01N 25/22, A61K 7/42

(11) WO 2004/105487 (13) A1

(21) PCT/GB2004/002191

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312703.2 3 Jun/juin 2003 GB (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AGRICULTURAL, HORTICULTURAL AND VETERINARY COMPOSITIONS
• COMPOSITIONS A USAGE AGRICOLE, HORTICOLE ET VÉTÉRINAIRE

(71) OXONICA LIMITED [GB/GB]; Unit 7, Begbroke Science & Business Park, Sandy Lane, Kidlington, Oxfordshire OX5 1PF (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDERSON, Stuart, James [GB/GB]; Oxonica Limited, Unit 7, Begbroke Science & Business Park, Sandy Lane, Kidlington, Oxfordshire OX5 1PF (GB).

(74) BENSON, John, Everett et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A01N 37/28, 43/08, 43/10, 43/12, 43/16, 43/40, 43/54, 43/56, 43/60, 43/80, 51/00, C07D 213/16, 231/12, 261/08, 413/12

(11) WO 2004/105488 (13) A1

(21) PCT/EP2004/005681

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 60/473,141 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HYDRAZONE DERIVATIVES FOR COMBATTING HARMFUL INSECTS AND ARACHNIDS

• DERIVES DE L'HYDRAZONE COMBATTANT LES INSECTES ET ARACHNIDES NUISIBLES

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOFMANN, Michael [DE/DE]; Heinigstrasse 17-19, 67059 Ludwigshafen (DE). KORDES, Markus [DE/DE]; Bensheimer Ring 13 D, 67227 Frankenthal (DE). LANG, Udo [DE/DE]; Fulkungerstrasse 19, 13693 Berlin (DE). BAUMANN, Ernst [DE/DE]; Falkenstrasse 6a, 67373 Dudenhofen (DE). VON DEYN, Wolfgang [DE/DE]; An der Bleiche 24, 67435 Neustadt (DE). PUHL, Michael [DE/DE]; Bürstädter Str. 95, 68623 Lamoertheim (DE). SCHMIDT, Thomas [DE/DE]; Rathausstrasse 40, 67433 Neustadt (DE). STEINER, Gerd [DE/DE]; Oberer Waldweg 1, 67281 Kirchheim (DE). TREACY, Michael, F. [US/US]; 53 Sequoia Drive, Newton, PA 18940 (US). CULBERTSON, Deborah, L. [US/US]; 6400 Vintage Ridge Lane, Fuquay-Varina, NC 27526 (US). BUCCI, Toni [US/US]; 2629 Hidden Meadow Drive, Fuquay Varina, NC 27526 (US). HONG-MING, Shieh [US/US]; 1068 Brian Lane, Newtown, PA 18940 (US). MARAVETZ, Lester, L. [US/US]; 843 Carlton Road, Westfield, NJ 07090 (US).

(74) REITSTÖTTER KINZEBACH; Reitstötter, Kinzebach & Partner (GbR), Ludwigplatz 4, 67059 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01N 43/40, 25/00

(11) WO 2004/105489 (13) A1

(21) PCT/JP2004/007982

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ja (26) ja

(30) 2003-156894 2 Jun/juin 2003 JP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AGRICULTURAL FUNGICIDE COMPOSITION

• COMPOSITION FONGICIDE AGRICOLE

(71) ISHIHARA SANGYO KAISHA, LTD. [JP/JP]; 3-15, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHINDO, Takeshi [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). SUGIMOTO, Koji [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01N 43/90, 43/54

(11) WO 2004/105490 (13) A1

(21) PCT/EP2004/005323

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 24 697.5 28 May/mai 2003 DE (28.05.2003)

(30) 103 32 429.1 16 Jul/juil 2003 DE (16.07.2003)

(30) 10 2004 016 084.8 30 Mar/mar 2004 DE (30.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FUNGICIDAL MIXTURES FOR CONTROLLING RICE PATHOGENS

• MÉLANGES FONGICIDES POUR LUTTER CONTRE DES PATHOGENES DU RIZ

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TORMO I BLASCO, Jordi [ES/DE]; Carl-Benz-Strasse 10-3, 69514 Laudendach (DE). GROTE, Thomas [DE/DE]; Im Höhenhausen 18, 67157 Wachenheim (DE). SCHERER, Maria [DE/DE]; Hermann-Jürgens-Str.30, 76829 Godramstein (DE). STIERL, Reinhard [DE/DE]; Jahnstr. 8, 67251 Freinsheim (DE). STRATHMANN, Siegfried [DE/DE]; Donnersbergstr. 9, 67117 Limburgerhof (DE). SCHÖFL, Ulrich [DE/DE]; Erlenstr. 8, 68782 Brühl (DE). HADEN, Egon [DE/DE]; Römerstr. 1, 67259 Kleinniedesheim (DE). HAMPEL, Manfred [DE/DE]; Im Biengarten 15, 67435 Neustadt (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A01N 43/90

(11) WO 2004/105491 (13) A1

(21) PCT/EP2004/005970

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 03076700.8 2 Jun/juin 2003 EP
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STABLE AQUEOUS SOLUTION OF
NATAMYCIN FUNGICIDE

• SOLUTION AQUEUSE STABLE D'UN
FONGICIDE A BASE DE NATAMY-
CINE

(71) DSM IP ASSETS B.V. [NL/NL]; Het Over-
loon 1, NL-6411 TE Heerlen (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RIJN VAN, Ferdinand, Theodorus,
Jozef [NL/NL]; Valkenlaan 7, NL-2623 HM
Delft (NL). STARK, Jacobus [NL/NL];
Joost van Ospad 31, NL-3069 ZM Rotterdam
(NL).

(74) MATULEWICZ, Emil, Rudolf, Antoni;
DSM Intellectual Property, Delft Office
(600-0240), P.O. Box 1, NL-2600 MA Delft
(NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A01N 47/44, A61K 31/155, A61P 31/02

(11) WO 2004/105492 (13) A1

(21) PCT/JP2004/007436

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-151207 28 May/mai 2003 JP
(28.05.2003)

(30) 2003-188360 30 Jun/juin 2003 JP
(30.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AQUEOUS COMPOSITIONS FOR DIS-
INFECTION AND/OR STERILIZATION

• COMPOSITIONS AQUEUSES DESTI-
NEES A LA DESINFECTION ET/OU
STERILISATION

(71) OTSUKA PHARMACEUTICAL CO.,
LTD. [JP/JP]; 9, Kandatsukasa-cho 2-chome,
Chiyoda-ku, Tokyo 1018535 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NISHIBAYASHI, Toru [JP/JP];
Puretamezon Kawauchi 701 190-1, Hi-
raishikoden, Kawauchi-cho, Tokushima-shi,
Tokushima 7710136 (JP). SATO, Tetsuya
[JP/JP]; 8-3, Aza Sanomiya, Ejiri Kita-
jima-cho, Itano-gun, Tokushima 7710205
(JP). ODOMI, Masaaki [JP/JP]; 101-14,
Aza Nakata, Otoze Aizumi-cho, Itano-gun,
Tokushima 7711240 (JP). OHGURO, Kinue
[JP/JP]; Guran Kawauchi Tower 1304 422-1,
Okinoshima, Kawauchi-cho, Tokushima-shi,
Tokushima 7710142 (JP). ISHIKAWA, Hi-
roshi [JP/JP]; 18-14, Seifu-cho, Otsu-shi,
Shiga 5200225 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK
Building 1-7-1, Doshomachi, Chuo-ku, Os-
aka-shi, Osaka 541-0045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A21C 1/00

(11) WO 2004/105493 (13) A1

(21) PCT/UA2003/000055

(22) 19 Dec/déc 2003 (19.12.2003)

(25) ru (26) ru

(30) 2003054866 28 May/mai 2003 UA
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DOUGH PRODUCTION METHOD

• PROCEDE DE FABRICATION DE PATE

(71, 72) YAVORSKY, Vladimir Vladimirovich
[UA/UA]; Kvartal Dzerzhinskogo, 16-22,
Lugansk, 91042 (UA). POLYANSKY,
Vladimir Ivanovich [UA/UA]; ul. Druzhby
Narodov, 271-66, Kharkov, 61195 (UA).
ALESHIN, Aleksey Vladimirovich
[UA/UA]; pr. Zhukovskogo, 3-43, Kharkov,
61085 (UA).

(74) VULIKH, Alexander Naumovich; ul. Dar-
wina, 16-41, Kharkov, 61002 (UA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM

TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ A21D

(11) WO 2004/105494 (13) A2

(21) PCT/GB2004/002323

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 0312606.7 2 Jun/juin 2003 GB
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AQUEOUS STABILIZATION OF LIQ-
UID DOUGH CONDITIONING COM-
POSITION

• STABILISATION AQUEUSE D'UNE
COMPOSITION LIQUIDE DE CONDI-
TIONNEMENT D'UNE PATE DE CUIS-
SON

(71) CEREFORM LIMITED [GB/GB]; Weston
Centre, Bowater House, 68 Knightsbridge,
London SW1X 7LQ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GREEN, Matthew [GB/GB]; 12
Greenfield Road, Newport Pagnell, Bucks
MK16 8DA (GB). WHITEHURST,
Robert [GB/GB]; 23 Brook Court, Hor-
ton, Northampton NN7 2BL (GB).

(74) BENNETT, Adrian, Robert, James et al. /
etc.; AA Thornton & Co., 235 High Holborn,
London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A21D

(11) WO 2004/105495 (13) A2

(21) PCT/IB2004/001763

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2003/4173 29 May/mai 2003 ZA
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BREAD PREMIX AND BREAD PRO-
DUCED UTILIZING SAME

• PREMELANGE POUR PAIN ET PAIN
PRODUIT A L'AIDE DE CELUI-CI

(71) POPPAUBREY (PROPRIETARY) LIM-
ITED [ZA/ZA]; 14 Brander Avenue,

- Blaubergrant, Cape Town, 7441 Western Cape Province (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JUYOUX, Gabriel, Lucien, Georges [ZA/ZA]; 64 Mimosa Court, 279 Beach Road, Seapoint, 7800 Western Cape Province (ZA).
DICKS, Leon, Milner, Theodore [ZA/ZA]; 9 Lower Avenue, Dalsig, Stellenbosch, 7600 Western Cape Province (ZA).
- (74) VON, SEIDEL, Michael; P.O. Box 1008, Stellenbosch, 7599 Western Cape Province (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
- (51)⁷ A23B 7/152, 7/015, B01J 35/02
(11) WO 2004/105497 (13) A1
(21) PCT/EP2004/005972
(22) 1 Jun/juin 2004 (01.06.2004)
(25) fr (26) fr
(30) 03447137.5 2 Jun/juin 2003 EP (02.06.2003)
(30) 03447167.2 20 Jun/juin 2003 EP (20.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND DEVICE FOR PRESERVING AGRICULTURAL PRODUCTS
• PROCEDE ET DISPOSITIF POUR LA PRESERVATION DE PRODUITS AGRICOLES
- (71) CERTECH ASBL [BE/BE]; Rue Jules Bordet, Zone Industrielle C, B-7180 Seneffe (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KARTHEUSER, Benoît [BE/BE]; Rue Piervienne 83, B-5590 Ciney (BE). MAY, Bronislav, Henri [BE/BE]; Courtensdreef 5, B-3090 Overijse (BE).
- (74) BIRD, Ariane; Bird Goën & Co, Klein Dalenstraat 42A, B-3020 Winksele (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(t) for all designations / pour toutes les désignations
- (51)⁷ A21D 10/02, B65D 85/36, B65B 25/00
(11) WO 2004/105496 (13) A1
(21) PCT/US2004/015821
(22) 18 May/mai 2004 (18.05.2004)
(25) en (26) en
(30) 10/446,481 28 May/mai 2003 US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PACKAGED DOUGH PRODUCT IN FLEXIBLE PACKAGE, AND RELATED METHODS
• PRODUIT A PATE EMBALLE DANS UN EMBALLAGE FLEXIBLE ET PROCEDES CORRESPONDANTS
- (71) THE PILLSBURY COMPANY [US/US]; Number One General Mills Boulevard, P.O. Box 1113, Minneapolis, MN 55440 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GENG, Qinghuang [US/US]; 1402 Sextant Avenue West, Roseville, MN 55113 (US).
DOMINGUES, David, J. [US/US]; 11520 - 39th Avenue North, Plymouth, MN 55441 (US).
- (74) HORNILLA, Arlene, L. et al. / etc.; General Mills, Inc., Number One General Mills Boulevard, P.O. Box 1113, Minneapolis, MN 55440 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ A23C
(11) WO 2004/105498 (13) A2
(21) PCT/US2004/017191
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/473,950 28 May/mai 2003 US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MILK BASED PRODUCTS CONTAINING COATED ALGINATES
• PRODUITS A BASE DE LAIT A REVELEMENT GELIFIANT
- (71) FMC CORPORATION [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FJAEREIDE, Therese [NO/NO]; Stalsbergsgate 12, N-3612 Kongsberg (NO).
 TSAI, Albert, G. [US/US]; 109 Sweetbay Lane, New Castle, DE 19720 (US).
- (74) FAIR, Paul, A. et al. / etc.; FMC Corporation, 1735 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23C 19/076, 19/09, A23L 1/0532
(11) WO 2004/105499 (13) A1
(21) PCT/EP2003/014517
(22) 16 Dec/déc 2003 (16.12.2003)
(25) en (26) en
(30) 03253321.8 27 May/mai 2003 EP (27.05.2003)
(30) 03253320.0 27 May/mai 2003 EP (27.05.2003)
(30) 03253322.6 27 May/mai 2003 EP (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A SEMI-FINISHED FOOD PRODUCT AND A PROCESS FOR PREPARING IT
• PRODUIT ALIMENTAIRE SEMI-FINI ET SON PROCEDE DE PREPARATION
- (71) UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72, 75) BLINDT, Renoo, Avinash [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). ELLIOTT, Bronwyn [AU/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(74) ROTS, Maria, Johanna, Francisca; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23D

(11) WO 2004/105500 (13) A2

(21) PCT/US2004/008755

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/447,078 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SPRAYABLE COOKWARE RELEASE COMPOSITION WITH FRACTIONATED OIL AND METHOD OF PREPARING FOOD ITEM

• COMPOSITION PULVERISABLE POUR BATTERIE DE CUISINE A BASE D'HUILE FRACTIONNEE ET METHODE DE PREPARATION DE PRODUIT ALIMENTAIRE

(71) CONAGRA GROCERY PRODUCTS COMPANY [US/US]; 3355 Michelson Drive, Irvine, CA 92612 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIU, Linsen [US/US]; 30 Oakhurst Road, Irvine, CA 92620 (US). GEIGER,

Barry, L. [US/US]; 2508 Bloom Road, Danville, PA 17821 (US).

(74) LUECK, Gary, D.; Bingham McCutchen Llp, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23F 3/18, C02F 1/68

(11) WO 2004/105501 (13) A1

(21) PCT/EP2004/005129

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/452,620 2 Jun/juin 2003 US (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FUNCTIONAL WATER
• EAU FONCTIONNELLE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) ZHANG, Shi-Qiu [CA/US]; Unilever Bestfoods North America, 150 Pierce Street, Somerset, New Jersey 08873 (US).

(74) HUGOT, Alain, Eric, Philippe; Unilever Intellectual Property Group, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23G 9/28, B65B 69/00, 43/54

(11) WO 2004/105502 (13) A1

(21) PCT/EP2003/012297

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 203 08 396.2 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISPENSING DEVICE FOR FOOD-STUFF, IN PARTICULAR ICE CREAM
• DISPOSITIF DE DISTRIBUTION D'ALIMENT, EN PARTICULIER DE LA CREME GLACEE

(71) NESTEC S.A. [CH/CH]; Avenue Nestlé 55, CH-1800 Vevey (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LODTER, Matthias [DE/DE]; Tannenstrasse 20, 91186 Büchenbach (DE). DISTLER, Sven [DE/DE]; Schwarzwachweg 3, 91126 Rednitzhembach (DE). LENGENFELDER, Wolfgang [DE/DE]; Willy-Schnitzer-Weg 23, 90425 Nürnberg (DE).

(74) RUPP, Christian; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23J 3/34, C12N 15/57, 9/50

(11) WO 2004/105503 (13) A1

(21) PCT/JP2004/007634

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-148917 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF IMPROVING TASTE AND/OR FLAVOR OF FOOD OR DRINK

• PROCEDE D'AMELIORATION DU GOUT ET/OU DE L'AROME D'UN ALIMENT OU D'UNE BOISSON

- (71) **AJINOMOTO CO., INC.** [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048315 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAKAMOTO, Tomohiro** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). **NAKAMURA, Nami** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). **KODERA, Tomohiro** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). **NIO, Noriki** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). **YAMADA, Noriaki** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). **WAKABAYASHI, Hidehiko** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP).
- (74) **KUMAKURA, Yoshio et al. / etc.;** NAKAMURA & PARTNERS, Shin-Tokyo Bldg., 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008355 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A23L**
- (11) **WO 2004/105504** (13) A2
- (21) PCT/US2004/015900
- (22) **20 May/mai 2004 (20.05.2004)**
- (25) en (26) en
- (30) 10/443,588 **22 May/mai 2003 US (22.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **DIETARY SUPPLEMENTS AND METHODS OF PREPARING AND ADMINISTERING DIETARY SUPPLEMENTS**
- **SUPPLEMENTS ALIMENTAIRES ET PROCÉDES DE PRÉPARATION ET D'ADMINISTRATION DE SUPPLEMENTS ALIMENTAIRES**
- (71) **MARK D. FINKE, INC.** [US/US]; 6811 East Horned Owl Trail, Scottsdale, AZ 85262 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FINKE, Mark, D.** [US/US]; 6811 East Horned Owl Trail, Scottsdale, AZ 85262 (US).
- (74) **HARTWIG, Gregory, J.;** Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A23L 1/00, 1/307, 1/30, B01J 13/14**
- (11) **WO 2004/105505** (13) A1
- (21) PCT/EP2004/004242
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 03076647.1 **28 May/mai 2003 EP (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **SATIETY ENHANCING FOOD PRODUCTS**
- **PRODUITS ALIMENTAIRES FAVORISANT LE SENTIMENT DE SATIÉTÉ**
- (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NA NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London Greater London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020 (IN).
(only for / seulement pour IN)
- (72, 75) **VAN BENTHUM, Wilhelmus, A.,J.** [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **DUCHATEAU, Gustaaf, S.,M.,J.,E.** [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **PETERS, Henricus, P.,F.** [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
- (74) **HODGETTS, Catherine, D.;** Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A23L 1/00, A47J 37/00, 37/12**
- (11) **WO 2004/105506** (13) A1
- (21) PCT/US2004/004528
- (22) **13 Feb/fév 2004 (13.02.2004)**
- (25) en (26) en
- (30) 10/445,799 **28 May/mai 2003 US (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **ANGEL HAIR PASTA BASKET**
- **PANIER A PATES CHEVEUX D'ANGE**
- (71, 72) **GERMANO, Stephen, L.** [US/US]; 151 Dryden Road, #627, Ithaca, NY 14850 (US).
- (74) **LITMAN, Richard, C. et al. / etc.;** Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ **A23L 1/01, 1/31, 1/315, 1/325, 1/314**
- (11) **WO 2004/105507** (13) A1
- (21) PCT/GB2004/002259
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 0312386.6 **30 May/mai 2003 GB (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **MICROWAVEABLE RAW FOOD PRODUCT COMPRISING A SUSPENDING AGENT**
- **PRODUIT ALIMENTAIRE CRU POUR MICRO-ONDES COMPRENANT UN AGENT DE SUSPENSION**
- (71, 72) **SCOTT, Bill** [GB/GB]; The River House, Skippool Creek, Thornton-le-Fylde, nr Blackpool FY5 5LF (GB). **DONOGHUE, James** [GB/GB]; 24 Newby Ave, Fleetwood, Lancashire FY7 8NJ (GB).
- (74) **NEIL, Alastair, William et al. / etc.;** Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A23L 1/035, 1/00
(11) WO 2004/105508 (13) A1
(21) PCT/EP2004/005711
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 60/473,412 27 May/mai 2003 US (27.05.2003)
(30) 0312147.2 27 May/mai 2003 GB (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • A COMPOSITION COMPRISING LACTIC ACID ESTERS OF MONO- AND DIGLYCERIDES OF FATTY ACIDS, AN EMULSIFIER CONTAINING THE SAME AND ITS USE
• COMPOSITION COMPRENANT DES ESTERS D'ACIDE LACTIQUE DE MONOGLYCERIDES ET DE DIGLYCERIDES D'ACIDES GRAS, EMULSIFIANT CONTENANT LADITE COMPOSITION ET UTILISATION DE CELLE-CI
(71) DANISCO A/S [DK/DK]; Langebrogade 1, DK-1001 Copenhagen K (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FÆRGEMAND, Merete [DK/DK]; Skæring Parkvej 49, DK-8250 Egå (DK). VANG SPARSØ, Flemming [DK/DK]; P.B. Lunds Vej 37, DK-8660 Skanderborg (DK). SØNDBERG SVENDSEN, Lisbeth [DK/DK]; Skraenten 5, Ugelbølle, DK-8410 Rølle (DK). FRIIS, Linda Yvonne [DK/DK]; Ludvig Holbergs Vej 11, 8230 Abyhøj (DK).
(74) BORENIUS & CO OY; Tallberginkatu 2 A, FIN-00180 Helsinki (FI).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23L 1/052, 1/0532, A23C 9/154, A21D 13/08, A23C 19/09, A23L 1/325, 1/187
(11) WO 2004/105509 (13) A1
(21) PCT/EP2003/014510
(22) 16 Dec/déc 2003 (16.12.2003)
(25) en (26) en
(30) 03253320.0 27 May/mai 2003 EP (27.05.2003)
(30) 03253321.8 27 May/mai 2003 EP (27.05.2003)
(30) 03253322.6 27 May/mai 2003 EP (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • A SEMI-FINISHED FOOD PRODUCT
• PRODUIT ALIMENTAIRE SEMI-FINI
(71) UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)
(71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW MZ NZ OM PG SC SD SG SL SZ TZ UG VC ZA ZM ZW)
(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
(only for / seulement pour IN)
(72, 75) BLINDT, Renoo, Avinash [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). ELLIOT, Bronwyn [AU/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
(74) ROTTS, Maria, Johanna, Francisca; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23L 1/052, 1/0532, A23C 9/154, A21D 13/08, A23L 1/325, 1/187, A23C 19/09
(11) WO 2004/105510 (13) A1
(21) PCT/EP2003/014511
(22) 16 Dec/déc 2003 (16.12.2003)
(25) en (26) en
(30) 03253320.0 27 May/mai 2003 EP (27.05.2003)
(30) 03253321.8 27 May/mai 2003 EP (27.05.2003)
(30) 03253322.6 27 May/mai 2003 EP (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • METHOD FOR PREPARING A GELLED FOOD PRODUCT AND SEMI-FINISHED PRODUCT FOR USE IN THE METHOD
• PROCEDE POUR PRODUIRE UN PRODUIT ALIMENTAIRE GELIFIE ET PRODUIT SEMI-FINI UTILISE LORS DE LA MISE EN OEUVRE DUDIT PROCEDE
(71) UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)
(71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TZ UG VC ZA ZM ZW)
(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
(only for / seulement pour IN)
(72, 75) BLINDT, Renoo, Avinash [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). ELLIOTT, Bronwyn [AU/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
(74) ROTTS, Maria, Johanna, Francisca; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23L 1/052, 1/0532, A23C 9/154, A21D 13/08, A23L 1/325, 1/187, A23C 19/09
(11) WO 2004/105511 (13) A1
(21) PCT/EP2003/014512

- (22) 16 Dec/déc 2003 (16.12.2003)
- (25) en (26) en
- (30) 03253321.8 27 May/mai 2003 EP (27.05.2003)
- (30) 03253320.0 27 May/mai 2003 EP (27.05.2003)
- (30) 03253322.6 27 May/mai 2003 EP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR PREPARING A GELLED FOOD PRODUCT AND SEMI-FINISHED PRODUCT FOR USE IN THE METHOD
- PROCEDE DE PREPARATION D'UN PRODUIT ALIMENTAIRE GELIFIE, ET PRODUIT SEMI-FINI A UTILISER DANS CE PROCEDE
- (71) UNILEVER N.V. [NL/NL]; UNILEVER N.V., Weena 455, NL-3013 AL Rotterdam (NL).
- (only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)*
- (71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4P 4BQ (GB).
- (only for / seulement pour AE AG AU BB BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)*
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
- (only for / seulement pour IN)*
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
- (only for / seulement pour IN)*
- (72, 75) BLINDT, Renoo, Avinash [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). ELLIOTT, Bronwyn [AU/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
- (74) ROTS, Maria, Johanna, Francisca; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A23L 1/052, 1/0532, A23C 9/154, A21D 13/08, A23L 1/325, 1/187, A23C 19/09
- (11) WO 2004/105512 (13) A1
- (21) PCT/EP2003/014518
- (22) 16 Dec/déc 2003 (16.12.2003)
- (25) en (26) en
- (30) 03253322.6 27 May/mai 2003 EP (27.05.2003)
- (30) 03253320.0 27 May/mai 2003 EP (27.05.2003)
- (30) 03253321.8 27 May/mai 2003 EP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR PREPARING A GELLED FOOD PRODUCT
- PROCEDE DE PREPARATION D'UN PRODUIT ALIMENTAIRE GELIFIE
- (71) UNILEVER N.V. [NL/NL]; UNILEVER N.V., Weena 455, NL-3013 AL Rotterdam (NL).
- (only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)*
- (71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4P 4BQ (GB).
- (only for / seulement pour AE AG AU BB BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)*
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
- (only for / seulement pour IN)*
- (72, 75) BLINDT, Renoo, Avinash [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). CLARK, Allan, Hugh [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). ELLIOTT, Bronwyn [AU/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). FOSTER, Timothy, John [GB/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). NORTON, Ian, Timothy [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
- (74) ROTS, Maria, Johanna, Francisca; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A23L 1/185, 2/38, 1/305, 1/22
- (11) WO 2004/105514 (13) A1
- (21) PCT/JP2004/007728
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-151163 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WORT AND MALT EXTRACT, PROCESS FOR PRODUCING THE SAME AND NONALCOHOLIC DRINK OR FOOD CONTAINING THE SAME
- MOUT ET EXTRAIT DE MALT, LEUR PROCEDE DE PRODUCTION, ET BOISSON NON ALCOOLISEE OU ALIMENT LES CONTENANT
- (71) ASAHI BREWERIES, LTD. [JP/JP]; 7-1, Kyobashi 3-chome, Cyuou-ku, Tokyo, 1048323 (JP).
- (51)⁷ A23L 1/10, 1/172, 1/185
- (11) WO 2004/105513 (13) A1
- (21) PCT/JP2004/007364
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-150047 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FOOD MATERIAL OR FOOD USING GERMINANT GRAIN, PROCESS FOR PRODUCING GERMINANT GRAIN AND METHOD OF REDUCING GERMINANT GRAIN ODOR
- PRODUIT ALIMENTAIRE OU ALIMENT CONTENANT DES GRAINES GERMEES, PROCEDE DE PRODUCTION DE GRAINES GERMEES ET PROCEDE DE REDUCTION DE L'ODEUR PRODUITE PAR DES GRAINES GERMEES
- (71) BEST AMENITY CO., LTD. [JP/JP]; 32-3, O-aza Tagawa, Mizuma-machi, Mizuma-gun, Fukuoka 830-0102 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) UCHIDA, Hiroshi [JP/JP]; c/o Best Amenity Co., Ltd., 32-3, O-aza Tagawa, Mizuma-machi, Mizuma-gun, Fukuoka 830-0102 (JP).
- (74) KAJIHARA, Katsuhiko; 18-55, Hiyoshimachi, Kurume-shi, Fukuoka 830-0017 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MIURA, Yutaka [JP/JP]; c/o ASAHI BREWERIES, LTD. R & D Center, 1-21, Midori 1-chome, Moriya-shi, Ibaraki, 3020106 (JP). HARADA, Masaaki [JP/JP]; c/o ASAHI BREWERIES, LTD. R & D Center, 1-21, Midori 1-chome, Moriya-shi, Ibaraki, 3020106 (JP).
- (74) SHOBAYASHI, Masayuki; Ikebukuro City Heights 701 18-34, Minami-ikebukuro 3-chome, Toshima-ku, Tokyo, 1710022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A23L 1/236, 1/22
(11) WO 2004/105515 (13) A1
(21) PCT/JP2004/003140
(22) 10 Mar/mar 2004 (10.03.2004)
(25) ja (26) ja
(30) 2003-152064 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • SWEETENER COMPOSITION
• COMPOSITION D'EDULCORANT
- (71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1048315 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ONO, Eriko [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). TAKEMOTO, Tadashi [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP).
- (74) TAKAHASHI, Fumiko; c/o AJINOMOTO CO., INC. Intellectual Property Depa, rtment., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 210-8681 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A23L 1/29, 1/30, 1/308, 1/00, 2/39, 2/52, 1/164
(11) WO 2004/105516 (13) A1
(21) PCT/EP2004/005666
(22) 26 May/mai 2004 (26.05.2004)
(25) de (26) de
(30) 103 24 548.0 28 May/mai 2003 DE (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • DIETARY FOOD ITEMS FOR A WEIGHT CONTROL OR WEIGHT LOSS DIET
• ALIMENTS DIETETIQUES POUR UNE ALIMENTATION VISANT A CONTROLLER VOIRE REDUIRE LE POIDS
- (71) NUTRINOVA [DE/DE]; Nutrition Specialties & Food Ingredients GmbH, Industriepark Höchst Geb. D 706, 65926 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RÜSING, Matthias [DE/DE]; Lindenthalgürtel 75, 50935 Köln (DE). HAUSMANN, Stephan [DE/DE]; Herderstrasse 31, 65189 Wiesbaden (DE).
- (74) DÖRR, Klaus et al. / etc.; Luderschmidt, Schüler & Partner, Industriepark Höchst, Geb. F 821, 65926 Frankfurt am Main (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ A23L 1/30, 1/302, A61K 31/355, 35/78, 31/353, 31/202, A23L 2/52, A21D 2/36, A23C 9/152, A23G 9/00
(11) WO 2004/105517 (13) A1
(21) PCT/EP2004/005362
(22) 18 May/mai 2004 (18.05.2004)
(25) en (26) en
(30) 03011892.1 27 May/mai 2003 EP (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • NOVEL NUTRACEUTICAL COMPOSITIONS AND USE THEREOF
• NOUVELLES COMPOSITIONS NUTRACEUTIQUES ET UTILISATIONS
- (71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 Te Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SPITZER, Volker [DE/DE]; St. Albanweg 6, 79539 Lörrach (DE). RAEDERSTORFF, Daniel [FR/FR]; 36c rue Bellevue, F-68350 Brunstatt (FR). WEBER, Peter [DE/DE]; Im Grundacker 10, 79429 Malsburg-Marzell (DE). SCHWAGER, Joseph [CH/FR]; 9, rue Brunnstube, F-68510 Uffheim (FR).
- (74) SCHWANDER, Kuno, Josef; c/o Roche Vitamins Ltd., Wurmisweg 576, CH-4303 Kaiseraugst (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23L 3/00, F26B 3/00

- (11) WO 2004/105518 (13) A1
(21) PCT/US2004/016178
(22) 20 May/mai 2004 (20.05.2004)
(25) en (26) en
(30) 60/473,276 22 May/mai 2003 US (22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • APPARATUS AND PROCESS FOR ALMOND PASTEURIZATION
• APPAREIL ET PROCEDE DE PASTEURISATION D'AMANDES
- (71) HILLTOP RANCH, INC. [US/US]; 13890 Looney Road, Ballico, CA 95303 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LONG, David [US/US]; 1570 Vista Bluff Court, Merced, CA 95340 (US). WILKEY, Jack [US/US]; 2419 South Tegner Road, Turlock, CA 95380 (US).
- (74) HYNES, William, M. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ A23P

(11) WO 2004/105519 (13) A2

(21) PCT/US2004/011528

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/443,374 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR SHAPING A BODY OF CHEESE INTO A PLURALITY OF CURVED BODIES OF CHEESE

- METHODE ET DISPOSITIF POUR FAÇONNER UN MORCEAU DE PATE DE FROMAGE EN UNE PLURALITE DE MORCEAUX DE PATE DE FROMAGE CINTRES

(71) SCHREIBER FOODS, INC. [US/US]; 425 Pine Street, Green Bay, WI 54301 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHILDRESS, Dennis, J. [US/US]; 1403 Hemingway Drive, Monett, MO 65708 (US).

(74) BRIM, Scott, W.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A23P 1/04, A23L 1/30, 1/29, 1/307

(11) WO 2004/105520 (13) A1

(21) PCT/EP2004/004246

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 03076646.3 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SATIETY ENHANCING FOOD PRODUCTS

- PRODUITS ALIMENTAIRES RENFORÇANT LA SATIETE

(71) UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NA NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) VAN BENTHUM, Wilhelmus, A.J. [NL/NL]; UNILEVER R & D VLAARDINGEN, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). DUCHATEAU, Gustaaf, S.M.J.E. [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). PETERS, Henricus, P.F. [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(74) HODGETTS, Catherine, D.; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A41B 9/02

(11) WO 2004/105521 (13) A1

(21) PCT/KR2004/001299

(22) 1 Jun/juin 2004 (01.06.2004)

(25) ko (26) en

(30) 20-2003-17203 2 Jun/juin 2003 KR
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PANTY FOR MAN

- SOUS-VETEMENT POUR HOMME

(71, 72) KIM, Sung Jin [KR/KR]; 9-14, Jinhung APT, 298-1, Doochon-2Dong, Kangdong-gu, Seoul 134-061 (KR).

(74) CHOI, Sun Soo; 3rd Floor, Sejung Bldg., 823-9 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A41D 13/00

(11) WO 2004/105522 (13) A1

(21) PCT/US2003/023935

(22) 31 Jul/juil 2003 (31.07.2003)

(25) en (26) en

(30) 10/443,640 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROTECTIVE GARMENT, WHICH IS WORN WITH SHOULDER PAD HAVING INFLATABLE BLADDER, FOR FIREFIGHTER OR FOR EMERGENCY WORKER

- VETEMENT DE PROTECTION PORTE AVEC UNE EPAULIERE CONTENANT UNE POCHE GONFLABLE, DESTINE AUX POMPIERS OU AUX SAUVE-TEURS

(71) MORNING PRIDE MANUFACTURING, L.L.C. [US/US]; (Delaware Limited Liability Company, P.O. Box 13616, Dayton, OH 45413-0616 (US).

(72) GRILLIOT, William, L.; P.O. Box 14616, Dayton, OH 45413-0616 (US). GRILLIOT, Mary, I.; P.O. Box 13616, Dayton, OH 45413-0616 (US). LEWIS, Patricia; 8763 Cheers Circle, Huber Heights, OH 45424 (US).

(74) HOOVER, Allen, J. et al. / etc.; Wood, Phillips, Katz, Clark & Mortimer, Suite 3800, Citicorp Center, 500 West Madison Street, Chicago, IL 60661-2511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A41D 13/01

(11) WO 2004/105523 (13) A1

(21) PCT/CA2003/000772

(22) 3 Jun/juin 2003 (03.06.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SIGNAL LIGHT JACKET FOR RIDERS OR NON-ENCLOSED VEHICLES

- GILET A VOYANT LUMINEUX POUR PERSONNES VOYAGEANT A BORD D'UN VEHICULE NON FERME

(71, 72) DE SILVA, Shelton, Gamini [CA/CA]; 2770 Mt Seymour Parkway, North Vancouver, British Columbia V7H 1E9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

- RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A41D 13/02, 13/00, A62B 17/00**
- (11) **WO 2004/105524** (13) A1
- (21) PCT/FI2004/000316
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) en (26) en
- (30) 20030801 **28 May/mai 2003** FI
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A CLEAN ROOM OVERALL AND A
METHOD FOR DRESSING AND UN-
DRESSING THE SAME
- COMBINAISON POUR SALLE
BLANCHE ET PROCEDE PERMET-
TANT DE METTRE ET D'ENLEVER
LADITE COMBINAISON
- (71) **TURUN AMMATIKORKEAKOULU**
[FI/FI]; P.O. Box 94, FI-20521 Turku (FI).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **HAKKARAINEN, Paula** [FI/FI];
Keskiatu 12, FI-20540 Turku (FI). **TUOMI-
NEN, Marja** [FI/FI]; Maskuntie 524,
FI-21250 Masku (FI).
- (74) **TURUN PATENTTITOIMISTO OY**; P.O.
Box 99, FI-20521 Turku (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **A41D 19/00**
- (11) **WO 2004/105525** (13) A1
- (21) PCT/US2004/010202
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 10/443,407 **22 May/mai 2003** US
(22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • READILY DONNED ELASTOMERIC
ARTICLE
- ARTICLE ELASTOMERE RAPIDE-
MENT ENFILE
- (71) **KIMBERLY-CLARK WORLDWIDE,
INC.** [US/US]; 401 N. Lake Street, Neenah,
WI 54956 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) **TRIEBES, Thomas, G.** [US/US]; 4025
Monroe Court, Alpharetta, GA 30004 (US).
LITTLETON, Kermit, R. [US/US]; 111
Big Bear Lane, Ellijay, GA 30540 (US).
READER, Timothy, W. [US/US]; 4850
Yorkshire Lane, Suwanee, GA 30024 (US).
- (74) **GARRISON, Scott, B. et al.** / etc.; Kim-
berly-Clark Worldwide, Inc., 401 N. Lake
Street, Neenah, WI 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **A41D 27/08**
- (11) **WO 2004/105526** (13) A1
- (21) PCT/CN2004/000521
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) zh (26) zh
- (30) 03226625.1 **30 May/mai 2003** CN
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A METALLIC ORNAMENT FIXED ON
A MESH FABRIC
- ORNEMENT METALLIQUE FIXE SUR
UN TISSU A MAILLES
- (71, 72) **LU, Takshing** [CN/CN]; 2/F, Dong Hui
Ming Yuan, 80#, Xing Ye Road, Da Gang
Town, Panyu District, Guangzhou, Guang-
dong 511470 (CN).
- (74) **GUANGZHOU SINO PATENT AGENT
CO., LTD.**; 4th Floor, No. 87, Cangbian
Road, Guangzhou, Guangdong 510030 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **A41D 27/13**
- (11) **WO 2004/105527** (13) A1
- (21) PCT/IB2004/001946
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) es (26) es
- (30) 03218043 **28 May/mai 2003** CO
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)

- (54) • SANITARY ARMPIT PAD
- PROTECTEUR HYGIENIQUE POUR
AISSELLES
- (71) **SABOGAL REY, Rosalba** [CO/CO]; Calle
71 No. 51-61, Medellín (CO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A41D 31/00, A61N 1/16**
- (11) **WO 2004/105528** (13) A2
- (21) PCT/CA2004/000786
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 10/445,007 **27 May/mai 2003** US
(27.05.2003)
- (30) 10/682,083 **10 Oct/oct 2003** US
(10.10.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND ARTICLE FOR TREAT-
MENT OF INFLAMMATORY DISEASE
- METHODE DE TRAITEMENT DE
TROUBLES INFLAMMATOIRES
- (63) US 10/445,007 (CIP)
27 May/mai 2003 (27.05.2003)
- (71, 72) **KEMPE, Frieder, K.** [DE/CA]; 2536
Bluebell Avenue, Coquitlam, British Colum-
bia V3E 2H5 (CA).
- (74) **GREEN, Bruce, M.**; c/o Oyen Wiggs Green
& Mutala, 480 - 601 West Cordova Street,
Vancouver, British Columbia V6B 1G1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (i)
-
- (51)⁷ **A41H**
- (11) **WO 2004/105529** (13) A2
- (21) PCT/US2004/005980
- (22) **27 Feb/fév 2004 (27.02.2004)**
- (25) en (26) en

(30) 10/444,587 **23 May/mai 2003** US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROTECTIVE SOCKET HAVING STRENGTHENED TOOL-DRIVE HOLE
• DOUILLE DE PROTECTION A TROU D'ENTRAÎNEMENT D'OUTIL RENFORCE

(71) PRO TEC TOOLS LLC [US/US]; 60 Sunshine Farms Drive, Somers, CT 06071 (US).

(72) MAZNICKI, Peter; 589 Hall Hill Road, Somers, CT 06071 (US).

(74) SCHILDKRAUT, Mark; Kaye Scholer LLP, 425 Park Avenue, New York, NY 10022-3598 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A43B 1/10, 1/14, 13/12, 13/16, 3/00, 7/32

(11) WO 2004/105530 (13) A1

(21) PCT/NZ2004/000105

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 526209 **30 May/mai 2003** NZ
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPROVED SHOE
• CHAUSSURE AMELIOREE

(71, 72) AVERILL, Louise, Heather [NZ/NZ]; 404B Ellerslie Panmure Highway, Ellerslie, Auckland, 1005 (NZ).

(74) PIPER, James, William et al. / etc.; 18 Byron Avenue, Takapuna, Auckland, 1309 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A43B 3/12, B29C 45/26, B29D 31/515

(11) WO 2004/105531 (13) A1

(21) PCT/US2004/015132

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/473,360 **23 May/mai 2003** US
(23.05.2003)

(30) 60/473,371 **23 May/mai 2003** US
(23.05.2003)

(30) 10/602,416 **23 Jun/juin 2003** US
(23.06.2003)

(30) 10/603,126 **23 Jun/juin 2003** US
(23.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FOOTWEAR MOLDS
• MOULES POUR CHAUSSURES

(71) WESTERN BRANDS LLC [US/US]; 1919 14th Street, Suite 800, Boulder, CO 80302 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEAMANS, Scott [US/US]; 4063 Niblick Drive, Longmont, CO 80503 (US).

(74) GIBBY, Darin, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A43B 5/12, 13/16

(11) WO 2004/105532 (13) A1

(21) PCT/RU2003/000251

(22) 3 Jun/juin 2003 (03.06.2003)

(25) ru (26) ru

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMBINE SOLE FOR SPORTS DANCE SHOES
• SEMELLES DE CHAUSSURES COMBINEES POUR DANSES SPORTIVES

(71, 72) EZHOV, Alexandr Vladimirovich [RU/RU]; ul. Simferopolskaya, 3B-19, Scherbinka, Podolsky raion, Moskovskaya obl., 142171 (RU).

(81) CA DE GB RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A43B 5/12

(11) WO 2004/105533 (13) A1

(21) PCT/UA2004/000001

(22) 22 Jan/jan 2004 (22.01.2004)

(25) ru (26) ru

(30) 2003065086 **3 Jun/juin 2003** UA
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR PRODUCING SHOES FOR SPORTS BALLROOM DANCES
• PROCEDE DE FABRICATION DE CHAUSSURES POUR DANSES SPORTIVES DE SALON

(71, 72) BABENKO, Nikolay Semyonovich [UA/UA]; ul. Saburova, 11-A-26, Kiev, 02218 (UA).

(74) RAZUMENKO, Viktor Vladimirovich; ul. N.Krasnova, 8-A-43, Kiev, 03115 (UA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A43D

(11) WO 2004/105534 (13) A2

(21) PCT/US2004/015227

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/473,371 **23 May/mai 2003** US
(23.05.2003)

(30) 60/473,360 **23 May/mai 2003** US
(23.05.2003)

(30) 10/603,126 **23 Jun/juin 2003** US
(23.06.2003)

(30) 10/602,416 **23 Jun/juin 2003** US
(23.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FOOTWEAR PIECES AND METHODS FOR MANUFACTURING SUCH
• CHAUSSURES ET PROCEDES DE FABRICATION DESDITES CHAUSSURES

(71) WESTERN BRANDS LLC [US/US]; 1919 14th Street, Suite 800, Boulder, CO 80302 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEAMANS, Scott [US/US]; 4063 Niblick Drive, Longmont, CO 80503 (US).

(74) GIBBY, Darin, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A43D 1/02
(11) WO 2004/105535 (13) A2
(21) PCT/US2004/015867
(22) 20 May/mai 2004 (20.05.2004)
(25) en (26) en
(30) 60/472,133 21 May/mai 2003 US (21.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • SYSTEM AND METHOD FOR FOOT MEASUREMENT FOR ATHLETIC FOOTWEAR
• SYSTEME ET PROCEDE DE MESURE DU PIED POUR UNE CHAUSSURE D'ATHLETISME
- (71) PODO TECHNOLOGY, LLC [US/US]; 750 Hammond Drive, Building 2, Suite 310, Atlanta, GA 30328 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PATILLO, David, A. [US/US]; 10 Old Vermont Place, Atlanta, GE 30328 (US). SIMON, Benjamin, L. [FR/US]; 1321 Custis Court, Atlanta, GA 30338 (US).
- (74) GARRETT, Arhtur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A44B 18/00
(11) WO 2004/105536 (13) A1
(21) PCT/EP2004/003735
(22) 7 Apr/avr 2004 (07.04.2004)
(25) de (26) de
(30) 103 25 372.6 27 May/mai 2003 DE (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • METHOD FOR PRODUCING A CONTACT-FASTENER PART
• PROCEDE DE REALISATION D'UNE PIECE DE FERMETURE ADHESIVE
- (71) GOTTLIEB BINDER GMBH & CO. KG [DE/DE]; Bahnhofstrasse 19, 71088 Holzgerlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TUMA, Jan [DE/DE]; Weingartenstrasse 18, 71083 Herrenberg-Mönchberg (DE). GERBER, Ingo [DE/DE]; Vogel-sangstrasse 25, 71093 Weil im Schönbuch (DE).
- (74) BARTELS UND PARTNER; Lange Strasse 51, 70174 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A44B 18/00
(11) WO 2004/105537 (13) A1
(21) PCT/JP2004/004963
(22) 6 Apr/avr 2004 (06.04.2004)
(25) ja (26) ja
(30) 2003-155282 30 May/mai 2003 JP (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • FIBROUS HOOK-AND-LOOP FASTENER AND PROCESS FOR PRODUCING THE SAME
• FERMETURE A BOUCLES ET CROCHETS FIBREUSE ET PROCEDE DE PRODUCTION DE CELLE-CI
- (71) YKK CORPORATION [JP/JP]; 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101864 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKAWA, Mitsuhsisa [JP/JP]; 2843-6, Mikkaichi, Kurobe-shi, Toyama 9380031 (JP).
- (74) NOGUCHI, Takeo et al. / etc.; Mutsumi Int. Patent Bureau, Bandai Bld., 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo 1010063 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A44C
(11) WO 2004/105538 (13) A2
(21) PCT/SG2004/000163
(22) 1 Jun/juin 2004 (01.06.2004)
(25) en (26) en
(30) PCT/SG03/000139 3 Jun/juin 2003 SG (03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • MAGNETIC JEWELLERY
• BIJOUX MAGNETIQUES
- (71, 72) MA, Ka Kui [SG/SG]; 27 Hazelpark Terrace, #15-08 Hazelpark Condominium, Singapore 678949 (SG).
- (74) DREW & NAPIER LLC; 20 Raffles Place, #17-00 Ocean Towers, Singapore 048620 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A44C 9/00, 5/00
(11) WO 2004/105539 (13) A1
(21) PCT/SG2003/000139
(22) 3 Jun/juin 2003 (03.06.2003)
(25) en (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • MAGNETIC JEWELLERY
• BIJOUX MAGNETIQUES
- (71, 72) MA KA, Kui [SG/SG]; 27 Hazelpark Terrace, #15-08, Hazelpark Condominium, Singapore 678949 (SG).
- (74) DREW & NAPIER LLC; 20 Raffles Place, #17-00, Ocean Towers, Singapore 048620 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A44C 17/00, C30B 29/02, C01B 31/06
(11) WO 2004/105540 (13) A1
(21) PCT/JP2003/006793

(22) 29 May/mai 2003 (29.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ARTIFICIAL GEM AND ITS PRODUCING METHOD

- GEMME ARTIFICIELLE ET SON PROCEDE DE PRODUCTION

(71, 72) FUKASAWA, Eiji [JP/JP]; #1202 Proceed Koufu, 237 Nagatsuka, Shikishima-cho, Nakakoma-gun, Yamanashi 400-0125 (JP).

(72, 75) SKINNER, James, Jay [US/JP]; 1-11-6-3901, Tsukuda Chuo-ku, Tokyo 104-0051 (JP).

(74) SHIMA, Nobuyuki; #302 Miyamasuzaka ST Building, 8-6 Shibuya 1-Chome, Shibuya-ku, Tokyo 150-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A45C 7/00

(11) WO 2004/105541 (13) A2

(21) PCT/FR2004/001218

(22) 18 May/mai 2004 (18.05.2004)

(25) fr (26) fr

(30) 03/06293 26 May/mai 2003 FR (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RIGID, HERMETIC CONTAINER COMPRISING A VOLUMETRIC SHRINKING DEVICE

- ENCEINTE CONTENANTE RIGIDE HERMETIQUE INCORPORANT UN DISPOSITIF DE RETRACTION VOLUMETRIQUE

(71, 72) BODELLE, Philippe [FR/FR]; 126, avenue Félix Faure, F-75015 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A45C 13/22

(11) WO 2004/105542 (13) A1

(21) PCT/US2003/015968

(22) 21 May/mai 2003 (21.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS FOR HOLDING BAGS

- DISPOSITIF SERVANT A SUSPENDRE DES SACS

(71, 72) LE ROUX, Paul Andre [ZA/US]; 1302 Esplanade #120 N., Redondo Beach, CA 90277 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OMPH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ A45D 4/06

(11) WO 2004/105543 (13) A1

(21) PCT/KR2004/001289

(22) 31 May/mai 2004 (31.05.2004)

(25) ko (26) en

(30) 10-2003-0034807 30 May/mai 2003 KR (30.05.2003)

(30) 10-2003-0082815 21 Nov/nov 2003 KR (21.11.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CURLER FOR PERMANENT

- BIGOUDI POUR PERMANENTE

(71, 72) KWON, Soon Yong [KR/KR]; 2-301 SamSung Billa, 207-9 Gwansan-dong, Deokyang-gu, Goyang-si, Gyeonggi-do 412-470 (KR).

(74) CHO, Sang Kyun; 402 Daimyung Building, 746-22 Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A45D 19/02

(11) WO 2004/105544 (13) A1

(21) PCT/AU2004/000541

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 2003204438 30 May/mai 2003 AU (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HAIR COLORANT APPLICATOR

- APPLICATEUR DE COLORANT CAPILLAIRE

(71) SAILNOTE PTY LTD [AU/AU]; 122 Sylvan Road, Toowong, QLD 4066 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) McCLOUD, Terence, Patrick [AU/AU]; 122 Sylvan Road, Toowong, QLD 4066 (AU).

(74) EAGAR & BUCK PATENT & TRADE MARK ATTORNEYS; PO Box 509, Spring Hill, QLD 4004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A45D 40/20

(11) WO 2004/105545 (13) A2

(21) PCT/FR2004/001277

(22) 24 May/mai 2004 (24.05.2004)

(25) fr (26) fr

(30) 03/06418 27 May/mai 2003 FR (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MAKE-UP PENCIL

- CRAYON DE MAQUILLAGE

(71) COSMOGEN [FR/FR]; -, 88, rue de Courcelles, F-75008 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIEUX, Gérard [FR/FR]; -, 48, bld. Malesherbes, F-75008 Paris (FR).

(74) CABINET JP COLAS; -, 37, avenue Franklin D. Roosevelt, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A46B

(11) WO 2004/105546 (13) A2

(21) PCT/IB2004/001887

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 60/474,910 2 Jun/juin 2003 US
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPROVED DORSIFLEXION SHOE

• CHAUSSURE A DORSIFLEXION
AMELIOREE

(71) SPRINGBOOST S.A. [CH/CH]; Chemin de
la Dauphine 9, CH-1291 Commugny (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FUCHSLOCHER, Jörg [DE/CH]; 33,
route de Bramblens, CH-1027 Lonay (CH).
BEHROUZ, Bayat [IR/CH]; Ave. du Servan
25, CH-1006 Lausanne (CH).

(74) MOETTELI, John; Moetтели & Associés,
Case postale 486, CH-1211 Genève 12 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A46B 5/00, 15/00, 7/04

(11) WO 2004/105547 (13) A1

(21) PCT/US2004/015474

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/442,905 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TOOTHBRUSH ASSEMBLY

• ENSEMBLE BROSSE A DENTS

(71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York, NY
10022 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KEMP, James [US/US]; 14 Staudt
Court, Somerset, NJ 08873 (US). SPROSTA,
AI [US/US]; 1004 Redspire Drive, Union, NJ
07083 (US). TRAFICANT, Brett [US/US];
28 Coldevin Road, Clark, NJ 07066 (US).
DAI, Tau [US/US]; 45 Foley Avenue, Edi-
son, NJ 08820 (US). JIMENEZ, Eduardo
[US/US]; 21 Manor Drive, Manalapan,
NJ 07726 (US). PAK, Nancy, Won, Mee
[US/US]; 111 West 94th Street, New York,
NY 10025 (US).

(74) WILKINS, Clifford, E., Jr.; COLGATE-
PALMOLIVE COMPANY, 909 River Road,
P.O. Box 1343, Piscataway, NJ 08855-1343
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ A46B 11/00

(11) WO 2004/105548 (13) A1

(21) PCT/LV2003/000005

(22) 3 Jun/juin 2003 (03.06.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TOOTHBRUSH FOR COMPREHEN-
SIVE DENTAL CARE

• BROSSE A DENTS POUR SOINS DEN-
TAIRES COMPLETS

(71, 72) LAZDINS, Normunds [LV/LV];
Patversmes iela 24-9, LV-1005 Riga (LV).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A46B 15/00, 11/00

(11) WO 2004/105549 (13) A1

(21) PCT/US2004/015484

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/442,784 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF MARKETING OR PRO-
MOTING CONSUMER GOODS

• PROCEDE DE COMMERCIALISATION
OU DE PROMOTION DE BIENS DE
CONSUMMATION

(71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York, NY
10022 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KEMP, James [US/US]; 14 Staudt
Court, Somerset, NJ 08873 (US). SPROSTA,
AI [US/US]; 1004 Redspire Drive, Union, NJ
07083 (US). TRAFICANT, Brett [US/US];
28 Coldevin Road, Clark, NJ 07066 (US).
DAI, Tau [US/US]; 45 Foley Avenue, Edi-
son, NJ 08820 (US). JIMENEZ, Eduardo
[US/US]; 21 Manor Drive, Manalapan,
NJ 07726 (US). PAK, Nancy, Won, Mee
[US/US]; 111 West 94th Street, New York,
NY 10025 (US).

(74) WILKINS, Clifford, E., Jr.; COLGATE-
PALMOLIVE COMPANY, 909 River Road,
P.O. Box 1343, Piscataway, NJ 08855-1343
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ A46D 1/00

(11) WO 2004/105550 (13) A1

(21) PCT/JP2004/002510

(22) 1 Mar/mar 2004 (01.03.2004)

(25) ja (26) ja

(30) 2003-059330 6 Mar/mar 2003 JP
(06.03.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BRUSH AND METHOD FOR MANU-
FACTURE THEREOF

• BROSSE ET SON PROCEDE DE FABRI-
CATION

(71) OHTSUKA BRUSH MFG. CO., LTD.
[JP/JP]; 4-1, Yotsuya, Shinjuku-ku, Tokyo
160-8511 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOUGI, Tatsunari [JP/JP]; c/o Ohtsuka
Brush Mfg. Co., Ltd., 4-1, Yotsuya, Shin-
juku-ku, Tokyo 160-8511 (JP).

(74) SHIMA, Nobuyuki; #302 Miyamasuzaka
ST Building, 8-6, Shibuya 1-Chome,
Shibuya-ku, Tokyo 150-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A47B

(11) WO 2004/105551 (13) A2

(21) PCT/US2004/017351

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 60/474,561 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GLOBAL RACK SYSTEM

• SYSTEME DE BATTI GLOBAL

(71) SANMINA-SCI CORPORATION
[US/US]; 2700 North First Street, San Jose,
CA 95134 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HUDZ, Andrew [CA/CA]; 7-1387
Royal York Road, Etobicoke, Ontario M9A
4Y9 (CA). JEFFERY, Peter [CA/CA]; 11

Tilley Drive, West Hill, Ontario M1C 2T9
(CA). SHARRIFF, Zia [CA/CA]; 32 Tara
Rod, Toronto, Ontario M1K 41 (CA).

(74) LAPPIN, Mark et al. / etc.; McDermott,
Will & Emery LLP, 28 State Street, Boston,
MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A47B 23/04

(11) WO 2004/105552 (13) A1

(21) PCT/CA2003/000793

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BOOK HOLDER

• PORTE-LIVRE

(71) BURNETT-EVANS HOLDINGS, INC.
[BS/BS]; Charlotte House, Charlotte Street,
P.O. Box N-65, Nassau (BS).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DALLAIRE, Michel [CA/CA]; 4062,
rue Wilson, Montréal, Québec H4A 2T9
(CA). LAMONTAGNE, Marc [CA/CA];
4080, rue Cartier, Montréal, Québec H3C
4G4 (CA).

(74) OGILVY RENAULT; 1981 McGill College
Avenue, Suite 1600, Montreal, Québec H3A
2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A47C

(11) WO 2004/105553 (13) A2

(21) PCT/US2004/016129

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,936 23 May/mai 2003 US
(23.05.2003)

(30) 60/474,498 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MATTRESS STRUCTURE

• STRUCTURE DE MATELAS

(71, 72) SABIN, Jeffrey, M. [US/US]; 424 Burt
Circle, Lewiston, NY 14092 (US).

(74) SNYDER, George, L., Jr. et al. / etc.; Hodg-
son Russ LLP, One M & T Plaza, Suite 2000,
Buffalo, NY 14203-2391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A47C 17/16, 17/14

(11) WO 2004/105554 (13) A1

(21) PCT/IB2004/001713

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) A 824/2003 28 May/mai 2003 AT
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SOFA BED

• MEUBLE CONVERTIBLE EN LIT

(71, 72) WIBERG, Ole [DK/GB]; 126A High
Street, Ramsgate, Kent CT11 9UA (GB).

(74) RIPPEL, Andreas; Rippel, Andreas, Oskar,
Maxingstrasse 34, A-1130 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A47C 31/00, B62K 21/12

(11) WO 2004/105555 (13) A1

(21) PCT/US2003/016571

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RECLINER HANDLE EXTENDER

• DISPOSITIF D'EXTENSION DE POI-
GNEE DE SIEGE INCLINABLE

(71) STANDERS, INC. [US/US]; 74 Canterbury
Circle, Logan, UT 84321 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MILLER, Jan, I. [US/US]; 74 Canterbury Lane, Logan, UT 84321 (US).

(74) STARKWEATHER, Michael, W. et al. / etc.; KUNZLER & ASSOCIATES, 10 West 100 South, Suite 450, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47F

(11) WO 2004/105556 (13) A2

(21) PCT/US2004/016062

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,955 22 May/mai 2003 US (22.05.2003)

(30) 60/473,350 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MERCHANDISING SYSTEM

• SYSTEME DE MARCHANDISAGE

(71) DCI MARKETING, INC. [US/US]; 2727 West Good Hope Road, Milwaukee, WI 53209 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, Allen, E. [US/US]; 6979 Lee Road, Hartford, WI 53027 (US).

(74) DAY, SCOTT, M.; Foley & Lardner, 777 East Wisconsin Avenue, Suite 3800, Milwaukee, WI 53202-5306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ A47F 1/04, 5/08

(11) WO 2004/105557 (13) A1

(21) PCT/US2003/027058

(22) 28 Aug/août 2003 (28.08.2003)

(25) en (26) en

(30) 10/445,699 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND APPARATUS FOR HOLDING AN ITEM IN STORAGE

• SYSTEME ET APPAREIL DE SUPPORT D'UN ARTICLE RANGE

(71) EYE DESIGNS LLC [US/US]; 220 W. Fifth Avenue, Collegeville, PA 19426 (US).

(72) WINIG, Alan; 307 Keithwood Road, Wynnewood, PA 19096 (US). WINIG, Richard; 931 Stoke Road, Villanova, PA 19085 (US). ELDON, James; 68 Bull Road, Barto, PA 19504 (US).

(74) APICELLI, Samuel, W. et al. / etc.; Duane Morris LLP, 305 North Front Street, P.O. Box 1003, Harrisburg, PA 17108-1003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ A47F 3/04, E06B 3/30

(11) WO 2004/105558 (13) A1

(21) PCT/EP2004/005941

(22) 2 Jun/juin 2004 (02.06.2004)

(25) de (26) de

(30) 103 24 853.6 2 Jun/juin 2003 DE (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DOOR COMPRISING AN INSULATING GLAZING AND ELECTRIC HOUSEHOLD APPLIANCE PROVIDED WITH SAID DOOR

• PORTE PRESENTANT UN VITRAGE ISOLANT ET APPAREIL ELECTROMENAGER POURVU D'UNE TELLE PORTE

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PFISTER, Bernd [DE/DE]; Antoniusweg 18, 89079 Ulm (DE). GOMOLL, Günter [DE/DE]; Hauptstrasse 79c, 89275 Elchingen (DE). GRASY, Siegfried [DE/DE]; Jahnweg 33, 89160 Dornstadt (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A47G

(11) WO 2004/105559 (13) A2

(21) PCT/US2004/017027

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/446,599 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SKEWER

• BROCHETTE

(71) VOLK ENTERPRISES, INC. [US/US]; 1355 Ridgeland Parkway, Suite 120, Alpharetta, GA 30022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOLK, Daniel, J. [US/US]; 9400 Nesbit Lakes Drive, Alpharetta, GA 30022 (US).

(74) COLTON, Laurence, P.; Technoprop Colton LLC, P.O. Box 567685, Atlanta, GA 31156-7685 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ A47G 1/16

(11) WO 2004/105560 (13) A1

(21) PCT/US2004/016011

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,004 23 May/mai 2003 US (23.05.2003)

(30) 60/487,169 14 Jul/juil 2003 US (14.07.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WALL HANGING SYSTEM

- SYSTEME DE SUSPENSION MURALE

(71) INTERCRAFT COMPANY [US/US]; 29 East Stephenson Street, Freeport, IL 61032 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VANDER BERG, Mark [US/US]; 650 Shellstone Trail, Georgetown, TX 78628 (US). TORRES, Ramon, Morales [DO/US]; 7711 O'Conner Drive, #2010, Round Rock, TX 78681 (US). FALTESEK, Randall, B. [US/US]; 107 W. Majestic Oak, Georgetown, TX 78628 (US). SCHAEFFER, Ruby, Marie [US/US]; 308 Park Place Drive, Georgetown, TX 78628 (US). SCHAFENEN, Gretchen [US/US]; 107 West Majestic Oak, Georgetown, TX 78628 (US). KOSUMSUPPAMALA, Supawat [TH/US]; 6571 Jackie Way, Lake Worth, FL 33467 (US).

(74) LEMPIA, Bryan, J.; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ A47G 7/08

(11) WO 2004/105561 (13) A1

(21) PCT/EP2004/005565

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) PD2003U000044 3 Jun/juin 2003 IT (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CACHEPOT AND THE LIKE MADE OF FABRIC PREFERABLY WITHOUT LATERAL SEAMS

- CACHE-POT ET DISPOSITIF ANALOGUE EN TISSU, DE PREFERENCE SANS COUTURE LATERALE

(71) SGARAVATTI TESSILE S.N.C. DI PAGONI TIZIANA E SGARAVATTI ANTONIO [IT/IT]; Viale del Lavoro, 22, I-35020 Ponte San Nicolò (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SGARAVATTI, Antonio [IT/IT]; Via Giovanni d'Alemagna, 22 int.2, I-35134 Padova (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A47G 19/02

(11) WO 2004/105562 (13) A1

(21) PCT/GB2004/002245

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312139.9 28 May/mai 2003 GB (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BOWL INSERT

- PIECE ENCASTREE POUR BOL

(71) GRAY MATTER (ALPHA) LIMITED [GB/GB]; The Point, Beadle Garth, Copmanthorpe, York YO23 3YJ (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRAY, Andrew, Peter, Parkinson [GB/GB]; The Point, Beadle Garth, Copmanthorpe, York YO23 3YJ (GB).

(74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47G 19/22

(11) WO 2004/105563 (13) A1

(21) PCT/CN2004/000141

(22) 23 Feb/fév 2004 (23.02.2004)

(25) zh (26) zh

(30) 03246879.2 31 May/mai 2003 CN (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ENVIRONMENT PROTECTION TYPE ONCE-USED SPECIAL CUP

- TASSE SPECIALE A USAGE UNIQUE DE TYPE PROTECTION DE L'ENVIRONNEMENT

(71, 72) ZHU, Guangfu [CN/CN]; No. 91 Nancheng Road, DongCheng District, Dongguan, Guang Dong 523000 (CN).

(74) SHENZHEN STANDARD PATENT & TRADEMARK AGENT LTD.; Room 810-815, Yinzuo Int'l Bldg., No. 1056 Shennan Boulevard, Shenzhen, Guangdong 518040 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ A47J 31/06

(11) WO 2004/105564 (13) A1

(21) PCT/IB2004/050729

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03253319.2 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A BREWING RECEPTACLE AND A FOAM UNIT AND A BEVERAGE MAKER COMPRISING SUCH A BREWING RECEPTACLE

- RECIPIENT A INFUSION, DISPOSITIF EN MOUSSE ET APPAREIL A FABRIQUER DES BOISSONS COMPRENANT LEDIT RECIPIENT

- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KODDEN, Hans** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
ARLETT, Ben [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
SMITH, Christopher, J. [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
NEAVE, James [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
HARRIS, David, S. [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **ROLFES, Johannes, G., A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A47K 7/03
(11) **WO 2004/105566** (13) A1
(21) PCT/SG2004/000149
(22) **24 May/mai 2004 (24.05.2004)**
(25) en (26) en
(30) 200303510-2 **30 May/mai 2003 (30.05.2003)**
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • A SURGICAL SCRUB APPLIANCE
• APPAREIL DE BROSSAGE CHIRURGICAL
- (71) **INZIGN PTE LTD** [SG/SG]; Blk 26 Kallang Place # 02-08/17, Kallang Basin Industrial Estate, Singapore 339157 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PHUA, Swee Hoe** [SG/SG]; Blk 97 Cashew Heights, Cashew Road #15-06, Singapore 679668 (SG).
- (74) **POH, Chee Kian, Daniel**; Lloyd Wise, Tanjong Pagar, P O Box 636, Singapore 910816 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ A47L 9/00, 5/36, 11/40
(11) **WO 2004/105567** (13) A1
(21) PCT/GB2004/002162
(22) **19 May/mai 2004 (19.05.2004)**
(25) en (26) en
(30) 0312044.1 **27 May/mai 2003 (27.05.2003)**
- (71) **UNILEVER N.V.** [NL/NL]; Weena 455, N-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NA NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, 400 020 Mumbai (IN).
(only for / seulement pour IN)
- (72, 75) **HOEKSTRA, Johannes, Albertus, Nicolaas** [NL/NL]; Unilever Bestfoods, Nassaukade 3, N-3071 JL Rotterdam (NL).
VAN DER KROGT, Gerardus, Egbertus, Petrus [NL/NL]; Unilever Bestfoods, Nassaukade 3, N-3071 JL Rotterdam (NL).
- (74) 9 Dec/déc 2004 (09.12.2004)
- (54) • A CLEANING APPLIANCE
• APPAREIL A NETTOYER
- (71) **DYSON TECHNOLOGY LIMITED** [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARE, Colin, Irwin** [GB/GB]; 7 Cal-lows Cross, Brinkworth, Wiltshire SN15 5DY (GB).
FINN-KELCEY, Paul [GB/GB]; 2a Park Road, Staple Hill, Bristol, Avon BS16 5LD (GB).
- (74) **HUCKER, Nerys et al. / etc.**; Intellectual Property Department, Dyson Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A47L 9/00
(11) **WO 2004/105568** (13) A1
(21) PCT/KR2004/001259
(22) **28 May/mai 2004 (28.05.2004)**
(25) ko (26) en
(30) 10-2003-0034955 **30 May/mai 2003 (30.05.2003)**
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • A DUST COLLECTOR, AND VACUUM CLEANER USING THE SAME
• COLLECTEUR DE POUSSIÈRE ET ASPIRATEUR UTILISANT CE COLLECTEUR
- (71, 72) **KANG, Yun-Kee** [KR/KR]; 102-902 Hyundai 1-cha Apartment, Daerim 3-dong, Yeoungdeungpo-gu, Seoul 150-765 (KR).
KANG, Hoon-Kee [KR/KR]; 102-902 Hyundai 1-cha Apartment, Daerim 3-dong, Yeoungdeungpo-gu, Seoul 150-765 (KR).
- (74) **SESHIN PATENT & LAW FIRM**; 8th Fl., KFSB Bldg., 16-2 Yeodo-dong, Yeoungdeungpo-gu, Seoul 150-010 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47L 9/02, 9/00, 9/24

(11) WO 2004/105569 (13) A1

(21) PCT/GB2004/002198

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312282.7 29 May/mai 2003 GB (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A CLEANING HEAD

• TETE DE NETTOYAGE

(71) DYSON TECHNOLOGY LIMITED [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALLARD, Matthew, James, Roger [GB/GB]; 11 Beaufort East, Bath, Bath and South East, Somerset BA1 6QD (GB). DYSON, James [GB/GB]; Dodington Park, Dodington BS5 7 6SF (GB). SPAVEN, John, William [GB/GB]; 26 Private Road, Sherwood, Nottingham, Nottinghamshire NG5 4DB (GB).

(74) SMITH, Gillian, Ruth et al. / etc.; Intellectual Property Department, Dyson Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47L 13/58, A47J 47/18

(11) WO 2004/105570 (13) A1

(21) PCT/ES2004/000246

(22) 31 May/mai 2004 (31.05.2004)

(25) es (26) es

(30) P 2003 01286 30 May/mai 2003 ES (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MOP BUCKET

• SEAU DE LAVAGE

(71, 72) ROCA MARQUES, Carlos [ES/ES]; 42, Avenida Barcelona, E-08690 Santa Coloma de Cervello (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72) GOMEZ LUJAN, Alfonso; 42, Avenida Barcelona, E-08690 Santa Coloma de Cervello (ES).

(74) SUGRAÑES MOLINE, Pedro; 304, calle Provenza, E-08008 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105571 (13) A2

(21) PCT/US2004/013971

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/446,007 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SURGICAL SAFETY PROCEDURE AND APPARATUS

• PROCEDURE ET APPAREIL CHIRURGICAL SECURISES

(71) WAXMAN, Bruce [US/US]; 4398 Hickory Drive, Palm Beach Gardens, FL 33418 (US).

(for all designated States except / pour tous les États désignés sauf US)

(74) SALVIN, Michael, A.; McHale & Slavin, 2855 PGA Blvd., Palm Beach Gardens, FL 33410 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105572 (13) A2

(21) PCT/US2004/014127

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 60/473,228 23 May/mai 2003 US (23.05.2003)

(30) 60/508,426 2 Oct/oct 2003 US (02.10.2003)

(30) 10/825,900 15 Apr/avr 2004 US (15.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INDUCTOR CAPACITOR EMI FILTER FOR HUMAN IMPLANT APPLICATIONS

• FILTRE EMI A CONDENSATEUR ET INDUCTEUR POUR APPLICATIONS D'IMPLANTS HUMAINS

(71) GREATBATCH-SIERRA, INC. [US/US]; 5200 Sigstrom Drive, Carson City, NV 89706 (US).

(72) STEVENSON, Robert, A.; 15349 Iron Canyon Road, Santa Clarita, CA 91387 (US). FRYSZ, Christine; 8883 Goose Landing Circle, Columbia, MD 21045 (US). HUSSEIN, Haytham; 2140 Harrow Drive, Woodstock, MD 21163 (US). BRENDDEL, Richard, L.; 1551 Jefferson Drive, Carson City, NV 89706 (US).

(74) KELLEY, Scott, W.; Kelly Bauersfeld Lowry & Kelley, LLP, 6320 Canoga Avenue, Suite 1650, Woodland Hills, CA 91367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105573 (13) A2

(21) PCT/US2004/014521

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,173 21 May/mai 2003 US (21.05.2003)

(30) 60/506,042 25 Sep/sep 2003 US (25.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF DIAGNOSIS OF CANCER BASED ON GENE EXPRESSION PROFILES IN CELLS

• PROCEDE POUR DIAGNOSTIQUER UN CANCER SUR LA BASE DE PROFILS D'EXPRESSION GENETIQUE DANS DES CELLULES

(71) THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY [US/US]; 3601 Spruce Street, Philadelphia, PA 19104 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHOWE, Louise, C. [US/US]; 95 Indian Spring Road, Media, PA 19063 (US). SHOWE, Michael, K. [US/US]; 95 Indian Spring Road, Media, PA 19063 (US). KARI, Laszlo [HU/US]; 873 N. 23rd Street, Philadelphia, PA 19130 (US).

NEBOZHYN, Michael [UA/US]; 800 Laurel Road, Yeadon, PA 19050 (US). LOBODA, Andrey [UA/US]; 2501 Pennsylvania Avenue, Apt. #531, Philadelphia, PA 19130 (US).

(74) BAK, Mary, E. et al. / etc.; Howson and Howson, 321 Norristown Road, Suite 200, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105574 (13) A2

(21) PCT/US2004/014917

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 60/472,287 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMAGE GUIDED RADIATION THERAPY
• RADIOTHERAPIE GUIDEE PAR IMAGES

(71) WILLIAM BEAUMONT HOSPITAL [US/US]; 3601 West 13 Mile Road, Royal Oak, MI 48073 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WONG, John, W. [US/US]; 726 Tenneyson Downs Court, Bloomfield Hills, MI 48304 (US). YAN, Di [US/US]; 3973 Winslow, Auburn Hills, MI 48326 (US). WATT, Lindsay [US/US]; 3213 Belle Court, Royal Oak, MI 48073 (US).

(74) CARD, John, M. et al. / etc.; Brinks Hofer Gilson & Liono, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B

(11) WO 2004/105575 (13) A2

(21) PCT/US2004/015341

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/474,201 29 May/mai 2003 US (29.05.2003)

(30) 60/501,494 9 Sep/sep 2003 US (09.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD FOR DETECTING CARDIAC ISCHEMIA VIA CHANGES IN B-NATRIURETIC PEPTIDE LEVELS

• PROCEDE PERMETTANT DE DETECTER L'ISCHEMIE CARDIAQUE SUR LA BASE DE MODIFICATIONS DANS LES NIVEAUX DES PEPTIDES NATRIURETIQUES DE TYPE B

(71) TRUSTEE OF DARMOUTH COLLEGE [US/US]; Technology Transfer Office, 11 Rope Ferry Road, Hanover, NH 03755-1404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOOTE, Robert, S. [US/US]; 98 Rice Road, Hartland, VT 05048 (US). YEO, Kiang-Tech, Jerry [US/US]; 2 Moody Lane, Etna, NH 03750 (US).

(74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105576 (13) A2

(21) PCT/US2004/015887

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/442,488 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TISSUE HARVESTING DEVICE AND METHOD

• DISPOSITIF ET PROCEDE DE RECOLTE DE TISSUS

(71) KCI LICENSING, INC. [US/US]; P.O. Box 659508, San Antonio, TX 78265-9508 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MISHRA, Ajit [US/US]; 3512 S.W. 171 Avenue, Miramar, FL 33027 (US). SEEGER, Charles [US/US]; 518 E. Locust Street, # 1, San Antonio, TX 78212 (US). OHIRA, Makoto [US/US]; 64 South Main Street, Sherborn, MA 01770 (US).

(74) QUIRK, William, H. et al. / etc.; P.O. Box 659508, San Antonio, TX 78265-9508 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61B

(11) WO 2004/105577 (13) A2

(21) PCT/US2004/015922

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/443,755 23 May/mai 2003 US (23.05.2003)

(30) 10/762,533 23 Jan/jan 2004 US (23.01.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SPINE STABILIZATION SYSTEM

• SYSTEME DE STABILISATION DE LA COLONNE VERTEBRALE

(71) GLOBUS MEDICAL [US/US]; 303 Schell Lane, Phoenixville, PA 19460 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAVID, C., Paul [IN/US]; 405 Greene Lane, Phoenixville, PA 19460 (US). ANDREW, Lee [US/US]; 2004 Lantern Lane, Oreland, PA 19075 (US).

(74) MULGREW, John, P.; 11012 Langton Arms Ct., Oakton, VA 22124 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B

(11) WO 2004/105578 (13) A2

(21) PCT/US2004/015944

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/444,769 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ARTICULATING MECHANISM FOR REMOTE MANIPULATION OF A SURGICAL OR DIAGNOSTIC TOOL

• MECANISME D'ARTICULATION PERMETTANT LA MANIPULATION A DISTANCE D'UN OUTIL CHIRURGICAL OU DIAGNOSTIQUE

(71) NOVARE SURGICAL SYSTEMS, INC. [US/US]; 10440A Bubb Road, Cupertino, CA 95014 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DANITZ, David, J. [US/US]; 5030 New Trier Avenue, San Jose, CA 95136 (US). GOLD, Adam [US/US]; 255B Fair oaks Street, San Francisco, CA 94110 (US).

(74) KING, Cameron, A. et al. / etc.; Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105579 (13) A2

(21) PCT/US2004/015961

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/447,179 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INFLATABLE NASAL PACKING DEVICE WITH TWO NON-ELASTIC, FLEXIBLE BAGS OVERSIZED RELATIVE TO NASAL CAVITIES

• DISPOSITIF DE TAMPONNEMENT NASAL AU MOYEN DE DEUX SACS SOUPLES NON ELASTIQUES SURDIMENSIONNÉS PAR RAPPORT AUX CAVITÉS NASALES

(71) ROSE BIOMEDICAL DEVELOPMENT CORPORATION [—/US]; 4545 East Ninth Avenue, Suite 110, Denver, CO 80220 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOGLE, Gregory, A. [US/US]; 4600 Hale Parkway, Suite 450, Denver, CO 80220 (US).

(74) BURTON, Carol, W. et al. / etc.; Hogan & Hartson LLP, 1200 17th Street, Suite 1500, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105580 (13) A2

(21) PCT/US2004/016004

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,817 22 May/mai 2003 US (22.05.2003)

(30) 10/816,173 1 Apr/avr 2004 US (01.04.2004)

(30) Not furnished / non communiqué 20 May/mai 2004 US (20.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISTRACTIBLE INTERSPINOUS PROCESS IMPLANT AND METHOD OF IMPLANTATION

• IMPLANT INTERSPINAL ECARTEUR DE PROCESSUS ET SON PROCÉDE D'IMPLANTATION

(71) ST. FRANCIS MEDICAL TECHNOLOGIES, INC. [US/US]; 960 Atlantic Avenue, Suite 102, Alameda, CA 94501 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZUCHERMAN, James, F. [US/US]; 3035 Pierce Street, San Francisco, CA 94123 (US). HSU, Ken, Y. [US/US]; 52 Clarendon Avenue, San Francisco, CA 94114 (US). WINSLOW, Charles, J. [US/US]; 25 Hilton Court, Walnut Creek, CA 94595 (US). FLYNN, John, J. [US/US]; 1458 Santa Clara Avenue, Concord, CA 94519 (US). MITCHELL, Steve [US/US]; 776 Duke Circle, Pleasant Hill, CA 94523 (US). YERBY, Scott [US/US]; 1333 Birch Street, Montana, CA 94037 (US). MARKWART, Jay, A. [US/US]; 4808 Heyer Road, Castro Valley, CA 94552 (US).

(74) MEYER, Sheldon, R. et al. / etc.; FLIESLER MEYER LLP, Four Embarcadero Center, Fourth Floor, San Francisco, CA 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105581 (13) A2

(21) PCT/US2004/016023

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/445,756 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • REMOVABLE CARTRIDGE FOR A MICRODERMABRASION UNIT

• CARTOUCHE AMOVIBLE POUR UNITE DE MICRODERMABRASION

(71) FOCUS MEDICAL, LLC [US/US]; 25 Francis J Clarke Circle, Bethel, CT 06801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, John, B., Jr. [US/US]; 39 Silver Spring Park, Ridgefield, CT 06877 (US).

(74) BUCKLEY, Patrick; Five Elm Street, New Canaan, CT 06840 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105582 (13) A2

(21) PCT/US2004/016169

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/444,202 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTROMAGNETIC-ACOUSTIC IMAGING

- IMAGERIE ACOUSTIQUE ELECTRO-MAGNETIQUE

(71) **MAGNETUS, LLC** [US/US]; 6 Sunburst, Irvine, California 92612 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CERWIN, Stephen A.** [US/US]; 1619 CR 270, Mico, Texas 78056 (US). **CHANG, David B.** [US/US]; 14212 Livingston, Tustin, California 92780 (US). **DRUMMOND, James E.** [US/US]; P.O. Box 107, Lincoln City, Oregon 97367 (US). **EMERSON, Jane F.** [US/US]; 6 Sunburst, Irvine, CA 92612 (US). **MCNAUGHTON, Stuart** [US/US]; 6095 S.W. 152nd Avenue, Beaverton, Oregon 97007 (US).

(74) **LOPEZ, Theodore P.**; MacPherson Kwok Chen & Heid LLP, 1762 Technology Drive, Suite 226, San Jose, California 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61B

(11) **WO 2004/105583** (13) A2

(21) PCT/US2004/016417

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 60/473,242 **23 May/mai 2003 US (23.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PIEZO MICRO-MARKERS FOR ULTRASOUND MEDICAL DIAGNOSTICS

- MICRO-MARQUEURS PIEZOELECTRIQUES DESTINES AUX DIAGNOSTICS ULTRASONIQUES MEDICAUX

(71) **ARIZONA BOARD OF REGENTS** [US/US]; Post Office Box 879209, Tempe, AZ 85287-9209 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOWE, Bruce** [US/US]; 2331 South Paseo Loma Circle, Mesa, AZ 85202 (US).

(74) **PECK, John, W.**; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) **WO 2004/105584** (13) A2

(21) PCT/US2004/016472

(22) **26 May/mai 2004 (26.05.2004)**

(25) en (26) en

(30) 20/446,470 **27 May/mai 2003 US (27.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR IMPROVING MITRAL VALVE FUNCTION

- TECHNIQUE ET APPAREIL PERMETTANT D'AMELIORER LA FONCTION DE LA VALVULE MITRALE

(71) **VIACOR, INC.** [US/US]; 260-B Fordham Road, Wilmington, MA 01887 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **ROURKE, Jonathan, M.**; 23 Locust Street, Belmont, MA 02478 (US). **LIDDICOAT, John, R.**; 68 Myrtle Street, Apt. 4, Boston, MA 02114 (US). **TAYLOR, Daniel, C.**; 35 Faneuil Street, Brighton, MA 02135 (US). **COHN, William, E.**; 104 Lagrange Street, Chestnut Hill, MA 02467 (US).

(74) **PANDISCIO, Mark, J.**; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) **WO 2004/105585** (13) A2

(21) PCT/US2004/016520

(22) **25 May/mai 2004 (25.05.2004)**

(25) en (26) en

(30) 10/445,065 **27 May/mai 2003 US (27.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR CUTTING THE CORNEA OF AN EYE

- SYSTEME DE COUPE DE LA CORNEE D'UN OEIL

(71, 72) **SHIUEY, Yichieh** [US/US]; 1129 Cabot Place, San Jose, California 95129 (US).

(72) **REHAL, Michael**; 440 Midway Ranch Road, Boulder Creek, California 95006 (US).

(74) **HESLIN, James, M. et al. / etc.;** TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) **WO 2004/105586** (13) A2

(21) PCT/US2004/016691

(22) **27 May/mai 2004 (27.05.2004)**

(25) en (26) en

(30) 60/473,965 **27 May/mai 2003 US (27.05.2003)**

(30) 60/479,053 **16 Jun/juin 2003 US (16.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LIGHT WAND FOR HEALING TISSUE

- INSTRUMENT LUMINEUX DESTINE A LA CICATRISATION DE TISSUS

(71) **Azna Health and Wellness Inc.** [US/US]; PO Box 1138, 33 Meadow Street, Sag Harbor, NY 11963 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **MOLINA, Sherry L.**; 2799 Deerfield Road, Sag Harbor, NY 11963 (US).

(74) **MCWHA, Keith J.**; Morgan & Finnegan L.L.P., Three World Financial Center, New York, NY 10281-2101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/105587 (13) A2

(21) PCT/US2004/016809

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,705 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS AND APPARATUS FOR THERMALLY ACTIVATING A CONSOLE OF A THERMAL DELIVERY SYSTEM

• PROCEDES ET APPAREIL POUR ACTIVER THERMIQUEMENT UNE CONSOLE D'UN SYSTEME DE DISTRIBUTION THERMIQUE

(71) MEDCOOL, INC. [US/US]; 30 Washington Street, Wellesley, Massachusetts 02481 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LENNOX, Charles, D. [US/US]; 17 Williams Drive, Hudson, New Hampshire 03051 (US).

(74) CHAPIN, Barry, W. et al. / etc.; Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, Massachusetts 01581 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61B

(11) WO 2004/105588 (13) A2

(21) PCT/US2004/016914

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,824 28 May/mai 2003 US (28.05.2003)

(30) 60/479,129 17 Jun/juin 2003 US (17.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MASK CONFIGURED TO MAINTAIN NUTRIENT TRANSPORT WITHOUT PRODUCING VISIBLE DIFFRACTION PATTERNS

• MASQUE CONÇU POUR CONSERVER LE TRANSPORT DES ELEMENTS NUTRITIFS SANS PRODUIRE DES MOTIFS DE DIFFRACTION VISIBLES

(71) ACUFOCUS [US/US]; 250 Westlake Blvd., Suite 220, Westlake Village, CA 91362 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHRISTIE, Bruce, Arthur [US/US]; 1798 Eastgate Avenue, Upland, CA 91784 (US). SILVESTRINI, Thomas, A. [US/US]; 1701 Las Trampas Road, Alamo, CA 94507 (US). HAHNEN, Kevin, F. [US/US]; 41 Bay Point Road, Center Ossipee, NH 03814 (US). KNOPP, Carl, F. [US/US]; 505 Curlew Road, Livermore, CA 94551-6101 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B

(11) WO 2004/105589 (13) A2

(21) PCT/US2004/017181

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,896 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SORBENT REACTOR FOR EXTRACORPOREAL BLOOD TREATMENT SYSTEMS, PERITONEAL DIALYSIS SYSTEMS, AND OTHER BODY FLUID TREATMENT SYSTEMS

• REACTEUR A SORBANTS POUR SYSTEMES EXTRACORPORELS DE TRAITEMENT DU SANG, POUR SYSTEMES DE DIALYSE PERITONEALE ET AUTRES SYSTEMES DE TRAITEMENT DE FLUIDE CORPOREL

(71) HEMOCLEANSE TECHNOLOGIES, LLC [US/US]; Suite B, 3601 Sagamore Parkway North, Lafayette, IN 47904 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SULLIVAN, Thomas, A. [US/US]; 2301 East Boulevard, Pine Village, IN 47975 (US). CARR, David [US/US]; 103 Elvernan Drive, West Lafayette, IN 47906 (US). ASH, Stephen, R. [US/US]; 2514 Mar Ruth Drive, Lafayette, IN 47905 (US).

(74) MYERS, James, B. et al. / etc.; Woodard, Emhardt, Moriarty, McNett & Henry LLP, Suite 3700, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 1/00

(11) WO 2004/105590 (13) A1

(21) PCT/JP2003/016692

(22) 25 Dec/déc 2003 (25.12.2003)

(25) ja (26) ja

(30) 2003-152956 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CAPSULIZED MEDICAL DEVICE

• DISPOSITIF MEDICAL EN CAPSULE

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(72) UCHIYAMA, Akio; 16-34-D105, Osone 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0003 (JP).

(74) ITOH, Susumu; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61B 1/00
(11) WO 2004/105591 (13) A1
(21) PCT/JP2004/002433
(22) 27 Feb/fév 2004 (27.02.2004)
(25) ja (26) ja
(30) 2003-149571 27 May/mai 2003 JP (27.05.2003)
(30) 2003-430428 25 Dec/déc 2003 JP (25.12.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • MEDICAL IMAGE RECORDER, METHOD FOR DISPLAYING ENDOSCOPE IMAGE, METHOD FOR TAKING IN ENDOSCOPE IMAGE, AND PORTABLE STORAGE MEDIUM
• ENREGISTREUR D'IMAGE MEDICALE, PROCEDE D'AFFICHAGE D'IMAGE D'ENDOSCOPE, PROCEDE DE PRISE D'IMAGE D'ENDOSCOPE ET SUPPORT DE STOCKAGE PORTABLE
(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome Shibuya-ku Tokyo, 1510072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHOJI, Hideyuki [JP/JP]; C/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). OHSHIMA, Mutsumi [JP/JP]; C/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). MIYOSHI, Yoshitaka [JP/JP]; C/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). ODA, Tomohiko [JP/JP]; C/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). ITO, Nobuyasu [JP/JP]; C/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). IJICHI, Toshiro [JP/JP]; C/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). ISHIBASHI, Katsuyoshi [JP/JP]; C/o Olympus Systems Corporation 53-6, Hatsudai 1-chome, Shibuya-ku, Tokyo, 1510061 (JP). KIKKAWA, Masashi [JP/JP]; C/o Olympus Systems Corporation 53-6, Hatsudai 1-chome, Shibuya-ku, Tokyo, 1510061 (JP). NAKATSUCHI, Kazutaka [JP/JP]; C/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP).
(74) OSUGA, Yoshiyuki; Nibancho Bldg. 3rd Fl., 8-20, Nibancho, Chiyoda-ku, Tokyo, 102-0084 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61B 1/00
(11) WO 2004/105592 (13) A1
(21) PCT/JP2004/002439
(22) 27 Feb/fév 2004 (27.02.2004)
(25) ja (26) ja
(30) 2003-150106 28 May/mai 2003 JP (28.05.2003)
(30) 2003-412424 10 Dec/déc 2003 JP (10.12.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • MEDICAL IMAGE RECORDING SYSTEM
• SYSTEME D'ENREGISTREMENT D'IMAGES MEDICALES
(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHOJI, Hideyuki [JP/JP]; c/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). OHSHIMA, Mutsumi [JP/JP]; c/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). MIYOSHI, Yoshitaka [JP/JP]; c/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). ODA, Tomohiko [JP/JP]; c/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). ITO, Nobuyasu [JP/JP]; c/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). ETO, Tadao [JP/JP]; c/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). IJICHI, Toshiro [JP/JP]; c/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP). ISHIBASHI, Katsuyoshi [JP/JP]; c/o Olympus Systems Corporation 53-6, Hatsudai 1-chome, Shibuya-ku, Tokyo, 1510061 (JP). KIKKAWA, Masashi [JP/JP]; c/o Olympus Systems Corporation 53-6, Hatsudai 1-chome, Shibuya-ku, Tokyo, 1510061 (JP). NAKATSUCHI, Kazutaka [JP/JP]; c/o Olympus Corporation 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, 1510072 (JP).
(74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg. 8-20, Nibancho, Chiyoda-ku Tokyo, 1020084 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61B 1/00
(11) WO 2004/105593 (13) A1
(21) PCT/JP2004/005854
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 2003-152445 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • EXTERNAL FORCEPS CHANNEL DEVICE FOR ENDOSCOPE
• DISPOSITIF A CANAL OPERATEUR EXTERNE DESTINE A UN ENDOSCOPE
(71, 72) SHIMA, Kiyoteru [JP/JP]; 18-17, Higashi 2-chome, Tsukuba-shi, Ibaraki 3050046 (JP).
(72) KUMASAKA, Hideo; Nakatsu 3390, Aikawa-machi, Aikou-gun, Kanagawa 2430303 (JP).
(74) TOKITA, Susumu; TIO INTELLECTUAL PROPERTY OFFICE, Daini Kougyou Bldg., 8th FL., 2-12, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61B 1/00
(11) WO 2004/105594 (13) A1
(21) PCT/JP2004/007780
(22) 28 May/mai 2004 (28.05.2004)
(25) ja (26) ja
(30) 2003-155629 30 May/mai 2003 JP (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ENDOSCOPE AND FORE END-FORMING MATERIAL FOR ENDOSCOPE
• ENDOSCOPE ET MATERIAU FORMANT L'EXTREMITE AVANT D'UN ENDOSCOPE
(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MATSUMOTO, Kazutaka [JP/JP]
(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 5/00, G01N 21/65

(11) WO 2004/105595 (13) A1

(21) PCT/IB2004/002013

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312151.4 28 May/mai 2003 GB (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MEASURING BLOOD GLUCOSE CONCENTRATION

• MESURE DE LA CONCENTRATION EN GLUCOSE DANS LE SANG

(71) NICM AG [CH/CH]; Gempenstrasse 10, CH-4053 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZELLER, Philip [CH/CH]; Birmensdorferstrasse 493, CH-8063 Zurich (CH).

(74) REDDIE & GROSE; 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 5/00

(11) WO 2004/105596 (13) A1

(21) PCT/IL2004/000463

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 0312263.8 3 Jun/juin 2003 GB (03.06.2003)

(30) 10/452,932 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR USE IN NON-INVASIVE OPTICAL MEASUREMENTS OF BLOOD PARAMETERS

• PROCEDE ET SYSTEME DESTINE A ETRE UTILISES DANS DES MESURES OPTIQUES NON INVASIVES DE PARAMETRES SANGUINS

(71) ORSENSE LTD. [IL/IL]; 2 Prof. Bergman Street, 76705 Rehovot (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FINE, Ilya [IL/IL]; 59/6 Herzl Street, 76540 Rehovot (IL). FINAROV, Alexander [IL/IL]; 1/10 Kovshey Ha-Hermon, 76555 Rehovot (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. BOX 4060, 61040 TEL AVIV (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 5/00, 8/12

(11) WO 2004/105597 (13) A1

(21) PCT/JP2003/015224

(22) 28 Nov/nov 2003 (28.11.2003)

(25) ja (26) ja

(30) 2003-153483 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIAGNOSIS OF FRAGILE PLAQUE BY ACTIVE TEMPERATURE-MEASUREMENT

• DIAGNOSTIC DE PLAQUE FRAGILE PAR MESURE DE TEMPERATURE ACTIVE

(71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-8345 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARAI, Tsunenori [JP/JP]; c/o Keio University Faculty of Science and Technology, 14-1, Hiyoshi 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-0061 (JP). YANAGIHARA, Takeshi [JP/JP]; c/o Keio University Faculty of Science and Technology, 14-1, Hiyoshi 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-0061 (JP). OHMORI, Sayaka [JP/JP]; c/o Keio University Faculty of Science and Technology, 14-1, Hiyoshi 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-0061 (JP).

(74) HATTA, Mikio et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 5/00

(11) WO 2004/105598 (13) A1

(21) PCT/US2004/015983

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/444,171 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEMS AND METHODS FOR DYNAMIC OPTICAL IMAGING

• SYSTEMES ET PROCEDES POUR L'IMAGERIE OPTIQUE DYNAMIQUE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, Minnesota 55311-1566 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CROWLEY, Robert, J. [US/US]; 64 Puritan Lane, Sudbury, Massachusetts 01776 (US). OSTROVSKY, Isaac [US/US]; 5 Willow Street, Wellesley, Massachusetts 02481 (US).

(74) ORRICK HERRINGTON & SUTCLIFFE LLP et al. / etc.; 4 Park Plaza, Suite 1600, Irvine, California 92614-2558 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ A61B 5/00

(11) WO 2004/105599 (13) A1

(21) PCT/US2004/016300

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 10/445,731 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS FOR INSERTING MULTILUMEN SPLIT-TIP CATHETERS INTO A BLOOD VESSEL

• APPAREIL DESTINE A INTRODUIRE DES CATHETERS A EMBOUT SEPARABLE MULTILUMIERE DANS UN VAISSEAU SANGUIN

(71) **SPIRE CORPORATION** [US/US]; One Patriots Park, Bedford, MA 01730-2396 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIMKAR, Shekhar** [US/US]; 4 Millett Road, Swampscott, MA 01907 (US). **ALBRECHT, Stephen, E.** [US/US]; 24 Butch Songin Circle, South Walpole, MA 02071 (US). **ANAND, Pj.** [US/US]; 411 Arlington Road, Acton, MA 01720 (US). **TOBIN, Eric** [US/US]; 165 Rea Street, North Andover, MA 01845 (US).

(74) **ENGELLENNER, Thomas, J. et al.** / etc.; Nutter McClennen & Fish LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 5/02, 5/08

(11) WO 2004/105600 (13) A1

(21) PCT/US2004/016800

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/447,427 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • REMOTE SPEAKER-MICROPHONE HAVING VITAL SIGN MONITORING CAPABILITY

• HAUT-PARLEUR-MICROPHONE DISTANT A CAPACITE DE CONTROLE DE SIGNE DE VIE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAPPS, Gary, M.** [US/US]; 11431 N.W. 29th Place, Sunrise, FL 33323 (US).

(74) **DOUTRE, Barbara, R. et al.** / etc.; 8000 West Sunrise Boulevard, Room 1610, Plantation, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 5/04, 5/00

(11) WO 2004/105601 (13) A1

(21) PCT/US2003/014168

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANESTHESIA AND SEDATION MONITORING SYSTEM AND METHOD

• SYSTEME ET PROCEDURE DE SURVEILLANCE D'ANESTHESIE ET DE SEDATION

(71) **EVEREST BIOMEDICAL INSTRUMENTS** [US/US]; 16690 Swingley Ridge Road, Chesterfield, MO 63017 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAUSEVIC, Elvir** [US/US]; 16315 Autumn View Terrace, Ellisville, MO 63011 (US).

(74) **BOOKS, Mark, E.; Polster, Lieder, Woodruff & Lucchesi, L.C.,** 12412 Powercourt Drive, Suite 200, St. Louis, MO 63131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 5/053 // 5/05

(11) WO 2004/105602 (13) A1

(21) PCT/FI2004/000311

(22) 24 May/mai 2004 (24.05.2004)

(25) fi (26) en

(30) 20030806 28 May/mai 2003 FI (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR MEASURING WATER CONTENT OF SUBCUTANEOUS FAT AND APPARATUS FOR APPLYING OF THE METHOD

• PROCEDURE PERMETTANT DE MESURER LA TENEUR EN EAU DES GRAISSES SOUS-CUTANÉES ET APPAREIL PERMETTANT L'APPLICATION DUDIT PROCEDURE

(71) **DELFIN TECHNOLOGIES LTD** [FI/FI]; P.O. Box 1188, FI-70211 Kuopio (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALANEN, Esko** [FI/FI]; Tuurinkatu 7, FI-57200 Savonlinna (FI). **LAAKSONEN,**

David [FI/FI]; Aatalankatu 1 A 18, FI-70500 Kuopio (FI). **LAHTINEN, Tapani, Aulis** [FI/FI]; Pajulahdentie 18, FI-70260 Kuopio (FI). **NISKANEN, Leo** [FI/FI]; Niuvantie 12, FI-70200 Kuopio (FI). **NUUTINEN, Jouni** [FI/FI]; Puijionsarventie 59 18, FI-70260 Kuopio (FI).

(74) **PATENTTITOIMISTO PITKÄNEN OY;** P.O. Box 1188, FI-70211 Kuopio (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 5/055, 6/04

(11) WO 2004/105603 (13) A1

(21) PCT/IB2004/050742

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101550.6 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE INCLUDING MOVEABLE SUPPORT FOR EXAMINING PERSONS

• DISPOSITIF A SUPPORT MOBILE POUR L'EXAMEN DE PERSONNES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN ES, Arthur, R.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WOLFS, Marc, J., M.; Prof. Holstlaan 6,** NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ A61B 5/103, 17/20, A61M 37/00

(11) WO 2004/105604 (13) A2

(21) PCT/DK2004/000375

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) PA 2003 00813 30 May/mai 2003 DK
(30.05.2003)

(30) 60/480,734 24 Jun/juin 2003 US
(24.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ALLERGY TESTER

• TESTEUR D'ALLERGIE

(71) ASENSA APS [DK/DK]; c/o Balslevs Bu-
reau, Vendersgade 22, DK-1363 Copenhagen
K (DK).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RØNBORG, Steen, Meier [DK/DK];
Ullasvej 13, DK-2880 Bagsværd (DK).
MORTENSEN, Erik, Meier [DK/DK];
Vibevej 7, DK-4720 Præsto (DK).

(74) HØIBERG A/S; St. Kongensgade 59A,
DK-1264 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ A61B 5/103, 5/117

(11) WO 2004/105605 (13) A1

(21) PCT/US2003/013773

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR TREAT-
ING IRRITABLE BOWEL SYNDROME

• PROCEDE ET SYSTEME PERMET-
TANT DE TRAITER LE SYNDROME
DU COLON IRRITABLE

(71) BIOMEDIX S.A. [CH/CH]; 14, quai du Seu-
jet, CH-1201 Geneva (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GODIN, Norman [US/CH]; 14, quai du
Seujet, CH-1201 Geneva (CH).

(74) FEIN, Michael, B.; Cozen O'Connor, 1900
Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61B 5/103

(11) WO 2004/105606 (13) A1

(21) PCT/US2004/017072

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/447,532 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • REPLACEMENT HEART VALVE SIZ-
ING DEVICE

• DISPOSITIF DE DIMENSIONNEMENT
DE VALVULE CARDIAQUE DE REM-
PLACEMENT

(71) PLC MEDICAL SYSTEMS, INC.
[US/US]; 10 Forge Park, Franklin, MA
02038 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RUDKO, Robert, I. [US/US]; 4 Short
Road, Holliston, MA 01746 (US). YEO-
MANS, Richard, P., Jr. [US/US]; 8 Karen
Avenue, Medway, MA 02053 (US).

(74) POIRIER, David, W. et al. / etc.; Iandiorio
& Teska, 260 Bear Hill Road, Waltham, MA
02451-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 5/12, 1/227

(11) WO 2004/105607 (13) A2

(21) PCT/US2004/016200

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,297 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • EAR PROBE AND DISPOSABLE EAR
TIP SYSTEM

• SONDE DE L'OREILLE ET SYSTEME
D'EMBOUT JETABLE

(71) SONAMED CORPORATION [US/US];
1250 Main Street, Waltham, MA 02451 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DOLPHIN, William, F. [US/US]; 18
Palm Road, Waiheke Island, Auckland 1240
(NZ). QUICK, Andrew [US/US]; 45 Coun-
try Village Lane, Sudbury, MA 01776 (US).

(74) CAPRARO, Joseph, A., Jr.; Proskauer
Rose LLP, One International Place, 14 Floor,
Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61B 5/15

(11) WO 2004/105608 (13) A1

(21) PCT/US2004/016171

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/447,578 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LANCET DEVICE

• DISPOSITIF A LANCETTE

(71) ABBOTT LABORATORIES [US/US];
Dept. 377 Bldg. AP6A-1, 100 Abbott Park
Road, Abbott Park, IL 60064-6008 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) D'AGOSTINO, Daniel, M. [US/US];
2125 Clark Street, Dallas, TX 75204 (US).

(74) WEINSTEIN, David et al. / etc.; AB-
BOTT LABORATORIES, Dept. 377 Bldg.
AP6A-1, 100 Abbott Park Road, Abbott Park,
IL 60064-6008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 6/00

(11) WO 2004/105609 (13) A1

(21) PCT/JP2004/007086

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-148579 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • X-RAY IMAGE DIAGNOSTIC DEVICE
• DISPOSITIF DE DIAGNOSTIC PAR
IMAGE RADIOLOGIQUE

(71) HITACHI MEDICAL CORPORATION
[JP/JP]; 1-14, Uchikanda 1-chome, Chiy-
oda-ku, Tokyo 1010047 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) IKEDA, Shigeyuki [JP/JP]; 504-4,
Hananoi, Kashiwa-shi, Chiba 27708112 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61B 6/03, G01N 23/04

(11) WO 2004/105610 (13) A1

(21) PCT/IB2004/050733

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03101557.1 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FAN-BEAM COHERENT-SCATTER
COMPUTER TOMOGRAPHY
• TOMODENSITOMETRIE PAR DIFFU-
SION COHERENTE D'UN FAISCEAU
EN EVENTAIL

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).

(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N. V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf DE US)

(72, 75) SCHLOMKA, Jens-Peter [DE/DE];
c/o Philips Intellectual Property & Standards
GmbH, Weissshausstr. 2, 52066 Aachen (DE).
HARDING, Geoffrey [GB/DE]; c/o Philips
Intellectual Property & Standards GmbH,
Weissshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Prop-
erty & Standards GmbH, Weissshausstr. 2,
52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61B 6/04

(11) WO 2004/105611 (13) A1

(21) PCT/SE2004/000810

(22) 27 May/mai 2004 (27.05.2004)

(25) sv (26) en

(30) 0301543-5 27 May/mai 2003 SE
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPRESSION DEVICE
• DISPOSITIF DE COMPRESSION

(71, 72) RYNGEBO, Ylva [SE/SE]; Skolvägen
21 B, S-135 55 Tyresö (SE).

(72) OHLSON, Carl-Eric; Grevgatan 67, S-114
59 Stockholm (SE).

(74) ERIKSSON, Kjell; Norrtälje Patentbyrå
AB, P.O. Box 38, S-761 21 Norrtälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61B 7/00, 5/02

(11) WO 2004/105612 (13) A1

(21) PCT/IL2004/000462

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en

(26) en

(30) 60/474,595 2 Jun/juin 2003 US
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR AN-
ALYZING CARDIOVASCULAR
SOUNDS

• PROCEDE ET SYSTEME D'ANALYSE
DES SONS CARDIOVASCULAIRES

(71) DEEPBREEZE LTD. [IL/IL]; 15 Bareket
Street Industrial Park, 38900 Caesarea (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOTBOL, Meir [IL/IL]; Neve Hadarim
Street 27, 37017 Pardes Hana (IL). KUSH-
NIR, Igal [IL/IL]; Shkedim Street 11, 37011
Pardes Hana (IL).

(74) REINHOLD COHN AND PARTNERS;
P.O. Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 8/00, B06B 1/02, A61B 8/04, 8/06

(11) WO 2004/105613 (13) A1

(21) PCT/US2004/006359

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/443,257 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRANSDUCER ARRAYS WITH AN IN-
TEGRATED SENSOR AND METHODS
OF USE
• RESEAUX DE TRANSDUCTEURS A
DETECTEUR INTEGRE ET LEURS
PROCEDES D'UTILISATION

(71) SIEMENS MEDICAL SOLUTIONS USA
INC. [US/US]; 51 Valley Stream Parkway,
Malvern, PA 19355-1406 (US).

(72, 75) BARNES, Stephen R. [US/US]; 1009
185th Avenue. NE, Bellevue, WA 98008
(US). BOLORFOROSH, Mirsaid [US/US];
250 S. Castanya Way, Portola Valley,
CA 94028 (US). BANJANIN, Zoran B.
[US/US]; 7913 127th Ave SE, Newcastle,
WA 98056 (US).

(74) KO, Jenny G. et al. / etc.; Siemens Corpo-
ration, Intellectual Property Dept., 170 Wood
Avenue South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 8/06

(11) WO 2004/105614 (13) A1

(21) PCT/JP2004/007852

(22) 31 May/mai 2004 (31.05.2004)

(25) ja (26) ja

(30) 2003-152958 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ULTRASONOGRAPHIC DEVICE AND
ULTRASONOGRAPHIC DEVICE DATA
PROCESSING METHOD

• DISPOSITIF ULTRASONOGRA-
PHIQUE ET PROCEDE DE TRAITE-
MENT DE DONNEES DUDIT DISPOSI-
TIF ULTRASONOGRAPHIQUE

(71) OLYMPUS CORPORATION [JP/JP];
43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo
151-0072 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIYAKI, Hironaka [JP/JP]; c/o Olym-
pus Corporation, 43-2, Hatagaya 2-chome,
Shibuya-ku, Tokyo 151-0072 (JP).

(74) ITOH, Susumu; Musashi Building, 4-4,
Nishishinjuku 7-chome, Shinjuku-ku, Tokyo
160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61B 8/08

(11) WO 2004/105615 (13) A1

(21) PCT/JP2004/007856

(22) 31 May/mai 2004 (31.05.2004)

(25) ja (26) ja

(30) 2003-154349 30 May/mai 2003 JP
(30.05.2003)

(30) 2003-178685 23 Jun/juin 2003 JP
(23.06.2003)

(30) 2003-354231 14 Oct/oct 2003 JP
(14.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ULTRASONIC PROBE AND ULTRA-
SONIC ELASTICITY IMAGING DE-
VICE

• SONDE A ULTRASONS ET DISPOSI-
TIF D'IMAGERIE D'ELASTICITE A UL-
TRASONS

(71) HITACHI MEDICAL CORPORATION
[JP/JP]; 1-14, Uchikanda 1-chome, Chiy-
oda-ku, Tokyo 1010047 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OSAKA, Takashi [JP/JP]; 3-309-203,
Shinmatsudo, Matsudo-shi, Chiba 2700034
(JP). MATSUMURA, Takeshi [JP/JP];

903-1-B202, Fuse, Kashiwa-shi, Chiba

2770825 (JP). HAYASHI, Tetsuya [JP/JP];

2-11-11-101, Kitakashiwa, Kashiwa-shi,

Chiba 2770832 (JP). OSHIKI, Mitsuhiro

[JP/JP]; Coure de Poure 102,, 1-17-21,

Nishisatsuma, Kamagaya-shi, Chiba 2730134

(JP). YUASA, Okinori [JP/JP]; 166-1-603,

Yamano-chou, Funabashi-shi, Chiba 2730026

(JP). MURAYAMA, Naoyuki [JP/JP];

269-1-603, Kashiwa, Kashiwa-shi, Chiba

2770005 (JP). SHIINA, Tsuyoshi [JP/JP];

2-808-205, Takezono, Tsukuba-shi, Ibaraki

3050032 (JP). TAMANO, Satoshi [JP/JP];

1-20-1-512, Minamimasuo, Kashiwa-shi,

Chiba 2770054 (JP). MITAKE, Tsuyoshi

[JP/JP]; 2361-1-N506, Yamazaki, Noda-shi,

Chiba 2780022 (JP).

(74) MATSUURA, Kenzo; Matsuura & Asso-
ciates, P.O. Box 176, Shinjuku Sumitomo
Bldg. 20F, 6-1, Nishi-shinjuku 2-chome,
Shinjuku-ku, Tokyo 1630220 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61B 8/08

(11) WO 2004/105616 (13) A1

(21) PCT/US2004/010896

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/444,165 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEMS FOR REGISTERING UL-
TRASOUND IMAGE IN THREE-DI-
MENSIONAL COORDINATE SYSTEM

• SYSTEMES D'ENREGISTREMENT
D'UNE IMAGE ECHOGRAPHIQUE
DANS UN SYSTEME DE COORDON-
NEES TRIDIMENSIONNEL

(71) SCIMED LIFE SYSTEMS, INC. [US/US];
One SciMed Place, Maple Grove, MN 55311-
1566 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WILLIS, N., Parker [US/US]; 98 Reser-
voir Road, Atherton, CA 94027 (US).

(74) BURSE, David, T.; Bingham Mccutchen
LLP, Three Embarcadero Center, Suite 1800,
San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61B 8/12

(11) WO 2004/105617 (13) A1

(21) PCT/US2004/012013

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/443,592 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEMS AND METHODS FOR IM-
PROVING THE RESOLUTION OF AN
IMAGING TRANSDUCER

• SYSTEMES ET PROCEDES PER-
METTANT D'AMELIORER LA RE-
SOLUTION D'UN TRANSDUCTEUR
D'IMAGERIE

(71) SCIMED LIFE SYSTEMS, INC. [US/US];
One Scimed Place, Maple Grove, MN 55311-
1566 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, Warren [US/US]; 2909 Stradford
Land, Blacksburg, VA 24060 (US). YUAN,
Jian, R. [US/US]; 132 Berry Avenue, Hay-
ward, CA 94544 (US).

(74) ORRICK HERRINGTON & SUT-
CLIFFE LLP et al. / etc.; 4 Park Plaza,
Suite 1600, Irvine, CA 92614-2558 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les désignations

- (51)⁷ A61B 17/00, A61M 25/01, A61B 17/00
(11) WO 2004/105618 (13) A2
(21) PCT/US2004/015951
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 10/444,773 24 May/mai 2003 US (24.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • GUIDE WIRE TORQUE DEVICE
• DISPOSITIF DE COUPLE DE FIL DE GUIDAGE
- (71) JS VASCULAR, INC. [US/US]; 8960 East Raintree Drive, Suite 200, Scottsdale, AZ 85260 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OPIE, John, C. [NZ/US]; 8310 N. Via de Lago, Scottsdale, AZ 85258 (US). JOYCE, Stephen, J. [US/US]; 207 W. Clarendon Avenue, Suite 15-B, Phoenix, AZ 85013 (US).
- (74) ROGERS, David, E. et al. / etc.; Squire, Sanders & Dempsey L.L.P., Two Renaissance Square, Suite 2700, 40 North Central Avenue, Phoenix, AZ 85004-4498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61B 17/02
(11) WO 2004/105619 (13) A1
(21) PCT/EP2004/005468
(22) 21 May/mai 2004 (21.05.2004)
(25) de (26) de
(30) 103 25 393.9 28 May/mai 2003 DE (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • RETRACTOR FOR PERFORMING HEART AND THORAX SURGERIES
• ECARTEUR PERMETTANT D'EFFECTUER DES INTERVENTIONS CHIRURGICALES CARDIAQUES ET THORACIQUES
- (71) KARL STORZ GMBH & CO. KG [DE/DE]; Mittelstrasse 8, 78532 Tuttlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHÖLLHORN, Joachim [DE/DE]; Meisenbergweg 14, 79104 Freiburg (DE).
- (74) WELLER, W. et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61B 17/04
(11) WO 2004/105620 (13) A1
(21) PCT/US2004/015482
(22) 18 May/mai 2004 (18.05.2004)
(25) en (26) en
(30) 10/442,455 21 May/mai 2003 US (21.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • REMOTELY-RELOADABLE SUTURING DEVICE
• DISPOSITIF DE FORMATION DE SUTURES POUVANT ETRE RECHARGE A DISTANCE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIOUX, Robert, F. [US/US]; 20 Woodridge Lane, Ashland, MA 01721 (US). SAUVAGEAU, David, J. [US/US]; 9 Hawkes Brook Lane, Methuen, MA 01844 (US).
- (74) PRESTIA, Paul, F.; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61B 17/064, 17/115, A61M 5/00
(11) WO 2004/105621 (13) A1
(21) PCT/US2003/014691
(22) 9 May/mai 2003 (09.05.2003)
(25) en (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ANASTOMOTIC STAPLE WITH FLUID DISPENSING CAPILLARY

- PINCE A SUTURE AUTOMATIQUE A CAPILLAIRE D'ADMINISTRATION DE FLUIDE
- (71) TYCO HEALTHCARE GROUP, LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEAGHER, Edward, C. [US/US]; 12 Alford Court, Greenlawn, NY 11740 (US).
- (74) DOUGLAS E. Denninger, Esq.; United Surgical Corporation, A Division of Tyco Healthcare Group, L.P., 150 Glover Avenue, Norwalk, CT 06856 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61B 17/12
(11) WO 2004/105622 (13) A1
(21) PCT/AU2004/000708
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 2003902600 27 May/mai 2003 AU (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ASYMMETRICALLY INFLATING FLEXI-TIP GASTROPLASTY CALIBRATION TUBE
• TUBE DE CALIBRAGE DE GASTROPLASTIE A POINTE FLEXIBLE ET A GONFLAGE ASYMETRIQUE
- (71, 72) RITCHIE, James, Dundas [AU/AU]; 71 Cameron Street, Edgecliffe, NSW 2027 (AU).
- (74) SHELSTON IP; 60 Margaret Street, Sydney NSW 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- Declaration / Déclaration :
(u) for / pour US only / seulement

- (51)⁷ A61B 17/14, B23D 51/10
 (11) WO 2004/105623 (13) A1
 (21) PCT/EP2004/005912
 (22) 28 May/mai 2004 (28.05.2004)
 (25) de (26) de
 (30) 103 25 391.2 28 May/mai 2003 DE
 (28.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • SURGICAL SAW-BLADE
 • LAME DE SCIE CHIRURGICALE
 (71) AESCULAP AG & CO. KG [DE/DE]; Am
 Aesculap-Platz, 78532 Tuttlingen (DE).
*(for all designated States except / pour tous
 les États désignés sauf US)*
 (72, 75) BLUST, Edgar [DE/DE]; Nägelsee 6,
 78126 Königfeld (DE). BUTSCH, Werner
 [DE/DE]; Burgstrasse 7, 78589 Dürbheim
 (DE). GASSNER, Stefan [DE/DE]; Schle-
 henweg 23, 78532 Tuttlingen (DE). HA-
 GEN, Thomas [DE/DE]; Oberer Bann 59,
 78532 Tuttlingen (DE). HÄUSLER, Rainer
 [DE/DE]; Auf dem Schildrain 15, 78532 Tut-
 tlingen (DE). HÖGERLE, Alois [DE/DE];
 Kammerhalde 22, 78532 Tuttlingen (DE).
 KLEINWÄCHTER, Timo [DE/DE]; Im
 Steinigen Tal 10/2, 78532 Tuttlingen (DE).
 (74) REGELMANN, Thomas; Hoeger, Stell-
 recht & Partner, Uhlandstrasse 14c, 70182
 Stuttgart (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
 BW BY BZ CA CH CN CO CR CU CZ DE
 DK DM DZ EC EE EG ES FI GB GD GE GH
 GM HR HU ID IL IN IS JP KE KG KP KR
 KZ LC LK LR LS LT LU LV MA MD MG
 MK MN MW MX MZ NA NI NO NZ OM
 PG PH PL PT RO RU SC SD SE SG SK SL
 SY TJ TM TN TR TT TZ UA UG US UZ VC
 VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD
 SL SZ TZ UG ZM ZW); EA (AM AZ BY KG
 KZ MD RU TJ TM); EP (AT BE BG CH CY
 CZ DE DK EE ES FI FR GB GR HU IE IT
 LU MC NL PL PT RO SE SI SK TR); OA
 (BF BJ CF CG CI CM GA GN GQ GW ML
 MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ A61B 17/22, A61N 7/02
 (11) WO 2004/105624 (13) A1
 (21) PCT/IB2004/001498
 (22) 11 May/mai 2004 (11.05.2004)
 (25) en (26) en
 (30) 10/452,061 2 Jun/juin 2003 US
 (02.06.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • ENDO-CAVITY FOCUSED ULTRA-
 SOUND TRANSDUCER
 • TRANSDUCTEUR ULTRASONIQUE
 FOCALISE DANS UNE ENDO-CAVITE
 (71) INSIGHTEC - IMAGE GUIDED TREAT-
 MENT LTD [IL/IL]; P.O. Box 2059, 39120
 Tirat Carmel (IL).
*(for all designated States except / pour tous
 les États désignés sauf US)*
 (72, 75) VITEK, Shuki [IL/IL]; Ilanott 33A,
 34324 Haifa (IL). KOPELMAN, Doron
 [IL/IL]; Shchuna 7, 30 Kanarit, Cesarea (IL).
 MEDAN, Yoav [IL/IL]; 25 Hankin Road,

34324 Haifa (IL). MAOR, Dov [IL/IL]; 18
 Lea Goldberg Street, 34324 Haifa (IL).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
 BW BY BZ CA CH CN CO CR CU CZ DE
 DK DM DZ EC EE EG ES FI GB GD GE GH
 GM HR HU ID IL IN IS JP KE KG KP KR
 KZ LC LK LR LS LT LU LV MA MD MG
 MK MN MW MX MZ NA NI NO NZ OM
 PG PH PL PT RO RU SC SD SE SG SK SL
 SY TJ TM TN TR TT TZ UA UG US UZ VC
 VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD
 SL SZ TZ UG ZM ZW); EA (AM AZ BY KG
 KZ MD RU TJ TM); EP (AT BE BG CH CY
 CZ DE DK EE ES FI FR GB GR HU IE IT
 LU MC NL PL PT RO SE SI SK TR); OA
 (BF BJ CF CG CI CM GA GN GQ GW ML
 MR NE SN TD TG).

(51)⁷ A61B 18/14

- (11) WO 2004/105625 (13) A1
 (21) PCT/US2003/014618
 (22) 12 May/mai 2003 (12.05.2003)
 (25) en (26) en
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • INSULATED SURGICAL SCISSORS
 INCLUDING CAUTERIZING TIP
 • CISEAUX CHIRURGICAUX ISOLES
 AVEC POINTE DE CAUTERISATION
 (71, 72) LEVIN, John, M. [US/US]; 819
 Chauncey Road, Narberth, PA 19072 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR
 BY BZ CA CH CN CO CR CU CZ DE DK
 DM DZ EC EE ES FI GB GD GE GH GM
 HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK
 MN MW MX MZ NI NO NZ OM PH PL PT
 RO RU SC SD SE SG SK SL TJ TM TN TR
 TT TZ UA UG US UZ VC VN YU ZA ZM
 ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ
 TZ UG ZM ZW); EA (AM AZ BY KG KZ
 MD RU TJ TM); EP (AT BE BG CH CY CZ
 DE DK EE ES FI FR GB GR HU IE IT LU
 MC NL PT RO SE SI SK TR); OA (BF BJ
 CF CG CI CM GA GN GQ GW ML MR NE
 SN TD TG).

(51)⁷ A61B 19/00, 17/00, A61N 5/10

- (11) WO 2004/105626 (13) A2
 (21) PCT/US2004/014968
 (22) 13 May/mai 2004 (13.05.2004)
 (25) en (26) en
 (30) 10/444,770 23 May/mai 2003 US
 (23.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • FIBROUS MARKER AND INTRACOR-
 POREAL DELIVERY THEREOF
 • MARQUEUR FIBREUX ET DISTRI-
 BUTION INTRACORPORELLE DE
 CELUI-CI
 (71) SENORX, INC. [—/US]; 11 Columbia,
 Suite A, Aliso Viejo, CA 92656 (US).
*(for all designated States except / pour tous
 les États désignés sauf US)*
 (72) JONES, Michael, L.; 6332 Camino
 Marinero, San Clemente, CA 92673 (US).
 LUBOCK, Paul; 30 Bethany, Laguna
 Niguel, CA 92677 (US). MALCHOW,

Lloyd, H.; 28481 Via Mambrino, San Juan
 Capistrano, CA 92675 (US).

- (74) LYNCH, Edward, J.; Duane Morris LLP,
 One Market, Spear Tower, Suite 2000, San
 Francisco, CA 94105 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR
 BW BY BZ CA CH CN CO CR CU CZ DE
 DK DM DZ EC EE EG ES FI GB GD GE GH
 GM HR HU ID IL IN IS JP KE KG KP KR
 KZ LC LK LR LS LT LU LV MA MD MG
 MK MN MW MX MZ NA NI NO NZ OM
 PG PH PL PT RO RU SC SD SE SG SK SL
 SY TJ TM TN TR TT TZ UA UG US UZ VC
 VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD
 SL SZ TZ UG ZM ZW); EA (AM AZ BY KG
 KZ MD RU TJ TM); EP (AT BE BG CH CY
 CZ DE DK EE ES FI FR GB GR HU IE IT
 LU MC NL PL PT RO SE SI SK TR); OA
 (BF BJ CF CG CI CM GA GN GQ GW ML
 MR NE SN TD TG).

(51)⁷ A61B 19/08

- (11) WO 2004/105627 (13) A1
 (21) PCT/SE2004/000849
 (22) 2 Jun/juin 2004 (02.06.2004)
 (25) sv (26) en
 (30) 0301589-8 2 Jun/juin 2003 SE
 (02.06.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • DRAPE PRODUCT FOR SURGICAL IN-
 TERVERSIONS
 • CHAMP OPERATOIRE POUR INTER-
 VENTIONS CHIRURGICALES
 (71) MÖLNLYCKE HEALTH CARE AB
 [SE/SE]; P.O. Box 13080, S-402 52 Göteborg
 (SE).
*(for all designated States except / pour tous
 les États désignés sauf US)*
 (72, 75) RAUK BERGSTRÖM, Tina [SE/SE];
 Purpurgatan 49, S-421 65 Västra Frölunda
 (SE). KARLSSON, Fredrik [SE/SE]; Wal-
 lenbergsgatan 1A, S-412 59 Göteborg (SE).
 (74) ALBIHNS STOCKHOLM AB; P.O. Box
 5581, Linnégatan 2, S-114 85 Stockholm
 (SE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
 BW BY BZ CA CH CN CO CR CU CZ DE
 DK DM DZ EC EE EG ES FI GB GD GE GH
 GM HR HU ID IL IN IS JP KE KG KP KR
 KZ LC LK LR LS LT LU LV MA MD MG
 MK MN MW MX MZ NA NI NO NZ OM
 PG PH PL PT RO RU SC SD SE SG SK SL
 SY TJ TM TN TR TT TZ UA UG US UZ VC
 VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD
 SL SZ TZ UG ZM ZW); EA (AM AZ BY KG
 KZ MD RU TJ TM); EP (AT BE BG CH CY
 CZ DE DK EE ES FI FR GB GR HU IE IT
 LU MC NL PL PT RO SE SI SK TR); OA
 (BF BJ CF CG CI CM GA GN GQ GW ML
 MR NE SN TD TG).

(51)⁷ A61C

- (11) WO 2004/105628 (13) A2
 (21) PCT/US2004/014330
 (22) 7 May/mai 2004 (07.05.2004)
 (25) en (26) en
 (30) 10/444,242 23 May/mai 2003 US
 (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • THIN, FLEXIBLE MEMBRANE DENTAL TRAYS AND SYSTEMS AND METHODS UTILIZING SUCH TRAYS

- PORTE-EMPREINTE A MEMBRANE SOUPLE, MINCE ET SYSTEMES ET PROCÉDES FAISANT APPEL AUX-DITS PLATEAUX

(71) ULTRADENT PRODUCTS, INC. [US/US]; 505 West 10200 South, South Jordan, UT 84095 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) FISCHER, Dan, E.; 10444 South Dimple Dell Road, Sandy, UT 84093 (US).
MCLEAN, Bruce, S.; 12091 South Millridge Road, Sandy, UT 84094 (US).

(74) NYDEGGER, Rick, D. et al. / etc.; Workman, Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61C

(11) WO 2004/105629 (13) A2

(21) PCT/US2004/014339

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/446,235 27 May/mai 2003 US (27.05.2003)

(30) 10/646,443 22 Aug/août 2003 US (22.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DENTAL BLEACHING DEVICES AND METHODS AND KITS THAT UTILIZE SUCH DEVICES

- DISPOSITIFS DE BLANCHIMENT DENTAIRE ET PROCÉDES ET TROUSSES DANS LESQUELS ILS SONT UTILISÉS

(71) ULTRADENT PRODUCTS, INC. [US/US]; 505 West 10200 South, South Jordan, UT 84095 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) ALLRED, Peter, M.; 3136 West 13680 South, Riverton, UT 84065 (US). JESSOP, Neil, T.; 11538 Colchester Drive, Sandy, UT 84092 (US).

(74) NYDEGGER, Rick, D. et al. / etc.; Workman, Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61C

(11) WO 2004/105630 (13) A2

(21) PCT/US2004/016024

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/445,745 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DENTAL APPLICATOR WITH HIGH MATERIAL HOLDING CAPACITY

- APPLICATEUR DENTAIRE A HAUTE CAPACITE DE RETENUE DE MATIERE

(71) CENTRIX, INC. [US/US]; 770 River Road, Shelton, CT 06484 (US).

(72) DRAGAN, William, B.; 85 Burr Street, Easton, CT 06612 (US). DISCKO, John, J.; 4956 Madison Ave., Trumbull, CT 06611 (US). KENNON, Lacy; 147 Townsend Ave., East Haven, CT 06512 (US).

(74) FATTIBENE, Paul, A.; Fattibene and Fattibene, 2480 Post Road, Southport, CT 06890 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61C 1/00, 19/04

(11) WO 2004/105631 (13) A1

(21) PCT/US2004/016089

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,948 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR PERFORMING A VARIETY OF MEDICAL/DENTAL PROCEDURES, AND RELATED METHODS

- SYSTEME PERMETTANT DE PRATIQUER DIVERSES INTERVENTIONS MEDICALES/DENTAIRES, ET PROCÉDES ASSOCIES

(63) US 60/472,948 (CON) 22 May/mai 2003 (22.05.2003)

(71) ASEPTICO, INC. [US/US]; 8333 216th Street SE, P.O. Box 1548, Woodinville, WA 98072-1548 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAZEN, Glenn, D. [US/US]; 7121 201st St. SE, Snohomish, WA 98296-5127 (US).

(74) JANEWAY, John, M. et al. / etc.; Graybeal Jackson Haley LLP, 155 - 108th Ave NE, Suite 350, Bellevue, WA 98004-5973 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61C 8/00, 17/68

(11) WO 2004/105632 (13) A1

(21) PCT/IL2004/000434

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 156202 29 May/mai 2003 IL (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPLANT HAVING INTEGRAL FLEXIBLE ABUTMENT PORTION AND METHOD FOR USE THEREOF

• IMPLANT PRESENTANT UNE PARTIE BUTEE ENTIEREMENT FLEXIBLE ET PROCEDE D'UTILISATION ASSOCIE

(71) POLYDENT MEDICAL DEVICES LTD. [IL/IL]; 12 Zvi Street, 52504 Ramat Gan (IL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ILAN, Daniel [IL/IL]; 12 Hagalil Street, 36001 Nofit (IL). BAR-PELED, Ud [IL/IL]; 102 Hadar Street, 70795 Moshav Kidron (IL). MILLER, Zvi [IL/IL]; 12 Zvi Street, 52504 Ramat Gan (IL). KAPLAN, Nehemia [IL/IL]; 12 Zvi Street, 52504 Ramat Gan (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61C 15/00, A46B 5/00

(11) WO 2004/105633 (13) A1

(21) PCT/AU2004/000567

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) PCT/AU03/00508 29 May/mai 2003 AU (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TOOTH CLEANER ATTACHABLE TO TONGUE

• NETTOYEUR DENTAIRE POUVANT ETRE ATTACHE A LA LANGUE

(71, 72) ELERDASHVILI, Koba [GE/AU]; 151168 Sandal Cress, Carramar, NSW 2163 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61C 17/40, 17/34

(11) WO 2004/105634 (13) A1

(21) PCT/US2004/015452

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/445,103 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • POWERED TOOTHBRUSH WITH THE BRUSHHEAD MOVING IN A RANDOM PATH

• BROSSES A DENT

(63) US 10/445,103 (CON) 23 May/mai 2003 (23.05.2003)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRAUN, Phillip, M. [US/US]; 128 Beechwood Hill Trail, Exeter, RI 02822 (US).

(74) GALLOWAY, Peter, D.; Ladas & Parry LLP, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61F

(11) WO 2004/105635 (13) A2

(21) PCT/IL2004/000470

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 10/452,987 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR MANUFACTURING MEDICAL SUPPORT DEVICES

• PROCEDE ET APPAREIL DE FABRICATION DE DISPOSITIFS SUPPORTS MEDICAUX

(71) ISRAEL AIRCRAFT INDUSTRIES LTD. [IL/IL]; Ben Gurion International Airport, 70100 Lod (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAUM, Abraham [IL/IL]; 15 Hameri Street, 53332 Givataim (IL). HOCH, Elisha [IL/IL]; 17 Hazait Street, 76349 Rehovot (IL). SCHNITZER, Israel [IL/IL]; 5 Brodezkay Street, 69051 Tel Aviv (IL). KACIR, Lior [IL/IL]; 12 Hanassi Harishon Street, 76300 Rehovot (IL). RABINOVICH, Felix [IL/IL];

7 Hanagid Street, 75482 Rishon Lezion (IL). ILIA, Reuben [IL/IL]; 3 Yehoram Street, 64465 Beersheva (IL).

(74) KORAKH, Eliav; Borochoy, Korakh, Eliezri & Co., P.O. Box 58100, Kiryat Atidim, 61580 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F

(11) WO 2004/105636 (13) A2

(21) PCT/US2004/012940

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/445,721 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ENDOVASCULAR GRAFT INCLUDING SUBSTRUCTURE FOR POSITIONING AND SEALING WITHIN VASCULATURE

• ENDOPROTHESE VASCULAIRE COMPRENANT UNE STRUCTURE PERMETTANT DE POSITIONNER ET DE FIXER L'ENDOPROTHESE DANS LE VAISSEAU

(71) ENDOVASCULAR TECHNOLOGIES, INC. [US/US]; 3200 Lakeside Drive, S313, Santa Clara, CA 95054 (US).

(72) FAWZI, Natalie, V.; 14 Somerset Court, Belmont, CA 94002 (US). BARKAMN, Kimberly; 615 Port Drive, No. 206, San Mateo, CA 94404 (US). ECKERT, Robin, W.; 109 Rhodes Court, San Jose, CA 95126 (US). ESCANO, Arnold, M.; 2095 Denise Drive, Santa Clara, CA 95050-4557 (US). REINHARDT, Rodney, H.; 236 Stanford Drive, Flintstone, GA 30725 (US). VINCENT, Robert, A.; Apt. 716, 34655 Skylark Drive, Union City, CA 94587 (US).

(74) HANLEY, John, V. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, Tenth Floor, 6060 Center Drive, Los Angeles, CA 90045 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ A61F
(11) WO 2004/105637 (13) A2
(21) PCT/US2004/016500
(22) 26 May/mai 2004 (26.05.2004)
(25) en (26) en
(30) 10/445,723 27 May/mai 2003 US
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ENDOVASCULAR GRAFT WITH SEPARABLE SENSORS
• GREFFE ENDOVASCULAIRE A CAPTEURS SEPARABLES
(71) ENDOVASCULAR TECHNOLOGIES, INC. [US/US]; 3200 Lakesie Drive, S444, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72) BROWN, Peter, S.; 795 Marion Avenue, Palo Alto, CA 94303 (US). KOVAC, Tim; 27 Ashler Avenue, Los Gatos, CA 95030 (US). WEI, Michael; 124 Buckthorn Way, Apt. 3, Menlo Park, CA 94025 (US). ECKERT, Robin, W.; 109 Rhodes Court, San Jose, CA 95126 (US).
(74) HANLEY, John, V. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, 10th Floor, 6060 Center Drive, Los Angeles, CA 90045 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F
(11) WO 2004/105639 (13) A2
(21) PCT/US2004/016846
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 10/447,453 28 May/mai 2003 US
(28.05.2003)
(30) 10/698,712 31 Oct/oct 2003 US
(31.10.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • TEXTURED AND DRUG ELUTING CORONARY ARTERY STENT
• STENT CORONAIRE TEXTURE PERMETTANT L'ELUTION D'UN MEDICAMENT
(71, 72) LEDERGERBER, Walter, J. [US/US]; 31 Morningwood, Laguna Niguel, California 92677 (US).
(74) MURPHY, David; O'MELVENY & MYERS LLP, 114 Pacifica, Suite 100, Irvine, California 92618 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 2/00
(11) WO 2004/105641 (13) A2
(21) PCT/US2004/015909
(22) 19 May/mai 2004 (19.05.2004)
(25) en (26) en
(30) 60/472,673 21 May/mai 2003 US
(21.05.2003)
(30) 10/647,065 22 Aug/août 2003 US
(22.08.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • POROUS MEMBRANES FOR USE WITH IMPLANTABLE DEVICES
• MEMBRANES POREUSES A UTILISER AVEC DES DISPOSITIFS IMPLANTABLES
(71) DEXCOM, INC. [US/US]; 6725 Mesa Ridge Road, Suite 100, San Diego, CA 92121 (US). BRAUKER, James, H. [US/US]; 10831 Riesling Drive, San Diego, CA 92131 (US).
(for all designated States except / pour tous les États désignés sauf US)
-
- (51)⁷ A61F
(11) WO 2004/105640 (13) A2
(21) PCT/US2004/017183
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
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- (72, 75) DE VILLIERS, Malan [ZA/ZA]; Southern Implants Office Park, Building 10, 1 Albert Road, 6931 Irene, Gauteng (ZA). HÄHNLE, Ulrich [ZA/ZA]; 6 Northwold, Saxonwold 2196, 2155 Johannesburg (ZA).
(74) SMITH, Scott, M. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/474,179 29 May/mai 2003 US
(29.05.2003)
(30) 10/749,621 30 Dec/déc 2003 US
(30.12.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • EXCESS LEAD RETAINING AND MANAGEMENT DEVICES AND METHODS OF USING SAME
• DISPOSITIFS DE RETENUE ET DE GESTION DE CABLE EXCEDENTAIRE ET LEURS PROCEDES D'UTILISATION
(71) THE CLEVELAND CLINIC FOUNDATION [US/US]; 9500 Euclid Avenue, Cleveland, OH 44195 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) REZAI, Ali, R. [US/US]; 28 Haskell Drive, Bratenahl, OH 44108 (US). BAKER, Kenneth, B. [US/US]; 11854 Clearview Road, Chesterland, OH 44026 (US). HALL, John, D. [US/US]; 1211 Washington Boulevard, Mayfield Heights, OH 44124 (US). SHELLOCK, Frank, G. [US/US]; 7511 McConnell Avenue, Los Angeles, CA 90045 (US).
(74) KOLOCOURIS, Gregory, S.; Benesch, Friedlander, Coplan & Aronoff LLP, 2300 BP Tower, 200 Public Square, Cleveland, OH 44114 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F
(11) WO 2004/105638 (13) A2
(21) PCT/US2004/016789
(22) 26 May/mai 2004 (26.05.2004)
(25) en (26) en
(30) 60/473,802 27 May/mai 2003 US
(27.05.2003)
(30) 60/473,803 27 May/mai 2003 US
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • PROSTHETIC DISC FOR INTERVERTEBRAL INSERTION
• DISQUE PROTHETIQUE DESTINE A ETRE INSERE ENTRE DES VERTEBRES
(71) SPINALMOTION, INC. [US/US]; 800 West El Camino Real, Suite 180, Mountain View, CA 94040 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARR-BRENDEL, Victoria** [US/US]; 3735 Grillo Court, Pleasanton, CA 94566 (US). **TAPSAK, Mark** [US/US]; 12804 Amaranth Street, San Diego, CA 92129 (US).

(74) **HART, Daniel**; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/04, 2/06

(11) WO 2004/105642 (13) A1

(21) PCT/EP2004/005883

(22) 1 Jun/juin 2004 (01.06.2004)

(25) de (26) de

(30) 103 25 678.4 2 Jun/juin 2003 DE (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONNECTION SYSTEM FOR CONNECTING A STENT TO A RADIO-OPAQUE MARKER AND METHOD FOR GENERATION OF A CONNECTION BETWEEN A STENT AND TWO OR MORE RADIO-OPAQUE MARKERS

• SYSTEME DE LIAISON SERVANT A RELIER UN STENT A UN MARQUEUR RADIO-OPAQUE ET PROCEDE DE PRODUCTION D'UNE LIAISON ENTRE UN STENT ET AU MOINS DEUX MARQUEURS RADIO-OPAGES

(71) **BIOTRONIK GMBH & CO. KG** [DE/DE]; Woermannkehrle 1, 12359 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOOTZ, Daniel** [DE/DE]; Mozartstr. 6, 18119 Rostock (DE). **MOMMA, Carsten** [DE/DE]; St.-Georg-Str. 33, 18055 Rostock (DE). **BECHER, Bärbel** [DE/DE]; Am Kabutzenhof 26, 18057 Rostock (DE). **KIEKBUSCH, Martin** [DE/DE]; Carl-Heydemann-Ring 35, 18437 Stralsund (DE). **MÜLLER, Heinz** [DE/DE]; Platenstr. 9, 91054 Erlangen (DE).

(74) **EISENFÜHR, SPEISER & PARTNER**; Anna-Louisa-Karsch-Str. 2, 10178 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61F 2/04

(11) WO 2004/105643 (13) A1

(21) PCT/US2003/015731

(22) 20 May/mai 2003 (20.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE FOR SECURING TO WALL OF INTERNAL LUMEN

• DISPOSITIF DESTINE A ETRE FIXE SUR UNE PAROI DE LUMIERE INTERNE

(71) **BIOMEDIX S.A.** [CH/CH]; 14 quai du Seujet, CH-1201 Geneva (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GODIN, Norman** [US/CH]; 14 quai du Seujet, CH-1201 Geneva (CH).

(74) **COZEN O'CONNOR**; 1900 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/06

(11) WO 2004/105644 (13) A2

(21) PCT/US2004/011764

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/447,377 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STENT WITH TAPERED FLEXIBILITY
• ENDOPROTHESE A FLEXIBILITE COINIQUE

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, Minnesota 55311-1566 (US).

(72) **GREGORICH, Daniel**; 3213 Devon Lane, Mound, Minnesota 55364 (US).

(74) **LAABS, Jeremy**; VIDAS, ARRETT & STEINKRAUS, 6109 Blue Circle Drive, Suite 2000, Minnetonka, Minnesota 55343-9185 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/06

(11) WO 2004/105645 (13) A2

(21) PCT/US2004/015481

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/445,406 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STAGED DEPLOYMENT ENDOGRAFT

• GREFFON ENDOLUMINAL A DEPLOIEMENT PAR ETAPES

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NELSON, Kristoff** [US/US]; 72 East Brookline Street, Apartment 1, Boston, MA 02118 (US).

(74) **PRESTIA, Paul, F.**; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/06, A61M 25/00

(11) WO 2004/105646 (13) A2

(21) PCT/US2004/015903

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/444,234 23 May/mai 2003 US (23.05.2003)

(30) 10/655,532 4 Sep/sep 2003 US (04.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICES AND METHODS FOR TREATMENT OF STENOTIC REGIONS

• DISPOSITIFS ET PROCEDES POUR LE TRAITEMENT DES REGIONS STENOSES

- (71, 72) **BALBIR, Brar, S., Dr.** [US/US]; 26261 Glen Canyon, Laguna Hills, CA 92653 (US). **SAHOTA, Harvinder, Dr.** [US/US]; 3861 Wisteria Street, Seal Beach, CA 90740 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Marteb, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 2004/105647 (13) A1
(21) PCT/US2004/016288
(22) 24 May/mai 2004 (24.05.2004)
(25) en (26) en
(30) 60/472,929 23 May/mai 2003 US (23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • STENTS WITH ATTACHED LOOPED ENDS
• STENTS A EXTREMITES EN BOUCLE ATTACHEES
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **LEANNA, Gary, J.**; 42 Edgewood Drive, Holden, MA 01520 (US). **NORTON, Paul, K.**; 758 Lancaster Avenue, Lunenburg, MA 01462 (US). **BRADY, Peter**; 16 Carbry Road, Newcastle, Galway (IE). **MOLLOY, Dean**; Riverview House, Kilrush Hollymount, County Mayo (IE). **ZUPKOFKA, Michael, E.**; 19 Rice Avenue, Rockland, MA 02370 (US).
- (74) **NIEBUHR, Frederick, W.**; Larkin Hoffman Daly & Lindgren Ltd., 1500 Wells Fargo Plaza, 7900 Xerxes Avenue South, Bloomington, MN 55431 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 2/16
(11) WO 2004/105649 (13) A1
(21) PCT/JP2004/007913
(22) 1 Jun/juin 2004 (01.06.2004)
(25) ja (26) ja
(30) 2003-156260 2 Jun/juin 2003 JP (02.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • INJECTOR CARTRIDGE FOR INSERTING INTRAOCULAR LENS AND INTRAOCULAR LENS INSERTING DEVICE
• CARTOUCHE D'INJECTION DESTINÉE A INSERER UNE LENTILLE INTRA-OCULAIRE ET DISPOSITIF D'INSERTION DE LENTILLE INTRA-OCULAIRE
- (71) **HOYA HEALTHCARE CORPORATION** [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IWAMOTO, Hidetoshi** [JP/JP]; c/o Hoya Healthcare Corporation, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP).
- (51)⁷ A61F 2/18, H04R 25/02 // A61C 8/00
(11) WO 2004/105650 (13) A1
(21) PCT/SE2004/000818
(22) 26 May/mai 2004 (26.05.2004)
(25) sv (26) en
(30) 0301588-0 30 May/mai 2003 SE (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • IMPLANT DEVICE
• SYSTEME D'IMPLANT
- (71) **ENTIFIC MEDICAL SYSTEMS AB** [SE/SE]; Box 16024, S-412 21 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PITULIA, Dan** [SE/SE]; Käringbergsg. 8, S-426 76 Västra Frölunda (SE).
- (74) **ÅSNES, Kristian**; Entific Medical Systems AB, Box 16024, S-412 21 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 2/24
(11) WO 2004/105651 (13) A1
(21) PCT/US2004/017002
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/473,911 28 May/mai 2003 US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • PROSTHETIC VALVE WITH VESSEL ENGAGING MEMBER
• VALVE PROTHETIQUE A ELEMENT DE CONTACT AVEC LES VAISSEAUX

(71) **COOK INCORPORATED** [US/US]; 750 Daniels Way, Bloomington, IN 47402 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLAGLE, Jacob, A** [US/US]; 2200 East 7th Street, Bloomington, IN 47408 (US). **CASE, Brian, C.** [US/US]; 841 Rosewood Drive, Bloomington, IN 47404 (US). **HOFFA, Andrew, K.** [US/US]; 550 West Fairway Lane, Bloomington, IN 47403 (US).

(74) **BUCHANAN, J., Matthew**; Fraser Martin Buchanan Miller LLC, 132 West Second Street, Perrysburg, OH 43551 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61F 2/34

(11) WO 2004/105652 (13) A1

(21) PCT/EP2004/005113

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 24 184.1 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • JOINT SOCKET FOR HIP JOINT ENDO-PROTHESIS
• COTYLE ARTIFICIEL POUR ENDO-PROTHESES D'ARTICULATION DE HANCHE

(71, 72) **IMHOF, Martin** [CH/CH]; Schöngrund 14, CH-6343 Rotkreuz (CH).

(74) **MUSSGNUG, Bernd**; Westphal, Mussgnug & Partner, Am Riettor 5, 78048 Villingen-Schwenningen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/36

(11) WO 2004/105653 (13) A1

(21) PCT/IT2003/000331

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FEMORAL STEM FOR HIP PROSTHE-SIS
• TIGE FEMORALE DESTINEE A UNE PROTHESE DE HANCHE

(71, 72) **CURRADINI, Giorgio, E.** [IT/IT]; Via Stampa, 8, I-20123 Milano (IT).

(74) **BONINI, Ercole**; Studio Ing. E. Bonini SRL, Corso Fogazzaro, 8, I-36100 Vicenza (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/36

(11) WO 2004/105654 (13) A1

(21) PCT/IT2003/000332

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FEMORAL STEM FOR HIP PROSTHE-SIS WITH MACROSTRUCTURES IMPROVEMENT

• TIGE FEMORALE POUR PROTHESE DE LA HANCHE A MACROSTRUC-TURES AMELIOREES

(71, 72) **CURRADINI, Giorgio, E.** [IT/IT]; Via Stampa, 8, I-20123 Milano (IT).

(74) **BONINI, Ercole**; Studio Ing. E. Bonini SRL, Corso Fogazzaro, 8, I-36100 Vicenza (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/44

(11) WO 2004/105655 (13) A1

(21) PCT/IL2003/001074

(22) 16 Dec/déc 2003 (16.12.2003)

(25) en (26) en

(30) 60/474,613 2 Jun/juin 2003 US (02.06.2003)

(30) 60/512,194 20 Oct/oct 2003 US (20.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SPINAL DISC PROSTHESIS
• PROTHESE DE DISQUE VERTEBRAL

(71) **IMPLIANT LTD.** [IL/IL]; 43 Hamelacha Street, PO Box 8630, 42504 Ramat Poleg (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARNIN, Uri** [IL/IL]; 1 Ha amelim Street, 36089 Kiryat Tivon (IL). **SUDIN, Yuri** [IL/IL]; 614B Tlamim Street, 71452 Lod (IL). **TAUBER, Michael** [IL/IL]; 12/8 Bavli Street, 62331 Tel Aviv (IL).

(74) **KLEIN, David**; Dekel Patent Ltd., Beit HaRo'fim, 18 Menuha VeNahala Street, Room 27, 76209 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/44, A61B 17/56

(11) WO 2004/105656 (13) A1

(21) PCT/JP2004/007581

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-149725 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SURGICAL INSTRUMENT
• INSTRUMENT CHIRURGICAL

(71) **PENTAX CORPORATION** [JP/JP]; 36-9, Maeno-cho 2-chome, Itabashi-ku, Tokyo 174-8639 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **IWASAKI, Yoshinobu** [JP/JP]; 1-28, Kawazoe 1jyo 3-chome, Minami-ku, Sapporo-shi, Hokkaido 005-0801 (JP). **HIDA, Kazutoshi** [JP/JP]; 1-10-201, Minami 21jyo Nishi, 8-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0921 (JP).

(72, 75) **NAKAJIMA, Takehiko** [JP/JP]; c/o Pentax Corporation, 36-9, Maeno-cho 2-chome, Itabashi-ku, Tokyo 174-8639 (JP). **KOKETSU, Masahiro** [JP/JP]; c/o Pentax Corporation, 36-9, Maeno-cho 2-chome, Itabashi-ku, Tokyo 174-8639 (JP).

(74) **ASAHI, Kazuo** et al. / etc.; Nishi-Shinbashi Noa Bldg. 4th Floor, 18-9, Nishi-Shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 5/441
- (11) WO 2004/105657 (13) A2
- (21) PCT/DK2004/000378
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) PA 2003 00815 2 Jun/juin 2003 DK (02.06.2003)
- (30) PA 2003 01912 22 Dec/déc 2003 DK (22.12.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AN ADHESIVE FACE PLATE FOR AN OSTOMY APPLIANCE, AN OSTOMY APPLIANCE AND A METHOD FOR CLEANING A FACE PLATE
- PLAQUE AVANT ADHESIVE POUR ACCESSOIRE DE STOMIE, ACCESSOIRE DE STOMIE ET PROCEDE DE NETTOYAGE DE LADITE PLAQUE AVANT
- (71) HOLLISTER INCORPORATED [US/US]; 2000 Hollister Drive, Libertyville, IL 60048-3781 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PEDERSEN, Ole [DK/DK]; P.G. Ramms Allé 64, 1.tv., DK-2000 Frederiksberg (DK). WOHLGEMUTH, Jan [DK/DK]; Ringvej 35, DK-2970 Hørsholm (DK). KARLSSON, Michael, Ove [DK/DK]; Pinjevej 59, DK-3000 Helsingør (DK).
- (74) BUDDE, SCHOU & OSTENFELD A/S; Vester Søgade 10, DK-1601 Copenhagen V (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 9/00, 2/14
- (11) WO 2004/105658 (13) A1
- (21) PCT/JP2004/007552
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-154328 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LACRIMAL PUNCTUM PLUG
- OBTURATEUR POUR POINT LACRYMAL
- (71) MLC LIMITED COMPANY [JP/JP]; 1366-1, Hatsuoi-cho, Hamamatsu-shi, Shizuoka 433-8112 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KURIHASHI, Katsuaki [JP/JP]; 1366-1, Hatsuoi-cho, Hamamatsu-shi, Shizuoka 433-8112 (JP).
- (74) TANABE, Tetsu; 2-8-1, Toranomom, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 9/00, 9/007
- (11) WO 2004/105659 (13) A2
- (21) PCT/US2004/016223
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 10/443,752 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INSERTION TOOL FOR OCULAR IMPLANT AND METHOD FOR USING SAME
- INSTRUMENT D'INSERTION POUR IMPLANT OCULAIRE ET UTILISATION DE CET INSTRUMENT
- (71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAYLOR, Jon, B. [US/US]; 4 Augustine Road, Groton, MA 01450 (US). LEE, Edwin, G. [US/US]; 28 Prouty Road, Burlington, MA 01803 (US). MULHERN, Margaret, B. [US/US]; 4 Augustine Road, Groton, MA 01450 (US). MORRIL, Timothy, J. [US/US]; 115 Newton Road, Plaislow, NH 03865 (US). COTE, Dana, M. [US/US]; 22 Lewis Lane, Saugus, MA 01906 (US).
- (74) FIEDLER, Alan, W.; Becton Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 9/007, 9/008, H01S 3/067, 3/094
- (11) WO 2004/105660 (13) A1
- (21) PCT/IB2004/001781
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 60/475,583 2 Jun/juin 2003 US (02.06.2003)
- (30) 10/625,797 23 Jul/juil 2003 US (23.07.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS AND METHOD FOR OPHTHALMOLOGIC SURGICAL PROCEDURES USING A FEMTOSECOND FIBER LASER
- APPAREIL ET PROCEDE PERMETTANT DE REALISER DES INTERVENTIONS CHIRURGICALES OPHTHALMOLOGIQUES A L'AIDE D'UN LASER FEMTOSECONDE A FIBRES
- (71) CARL ZEISS MEDITEC AG [DE/DE]; Goeschwitzer Strasse 51-52, 07745 Jena (DE). IMRA AMERICA, INC. [US/US]; 1044 Woodridge Avenue, Ann Arbor, MI 48105 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BENDETT, Mark [US/US]; 2770 Gladstone, Ann Arbor, MI 48104 (US). BISCHOFF, Mark [DE/DE]; Am Bach 3, 99334 Elleben OT Riechheim (DE). GERLACH, Mario [DE/DE]; Klosterlausnitzer Strasse 14, 07607 Eisenberg (DE). MUEHLHOFF, Dirk [DE/DE]; Am Moenchenberge 2, 07751 Kunitz (DE).
- (74) KIEL, Gerald, H.; Reed Smith LLP, 599 Lexington Avenue, New York, NY 10022-7650 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 9/008, 9/01, B23K 26/06, 26/00, A61F 9/009
- (11) WO 2004/105661 (13) A1
- (21) PCT/IB2004/001772

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 60/475,583 2 Jun/juin 2003 US
(02.06.2003)

(30) 10/625,157 23 Jul/juil 2003 US
(23.07.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HIGH-PRECISION MATERIAL PROCESSING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE TRAITEMENT PRECIS D'UN MATERIAU

(71) CARL ZEISS MEDITEC AG [DE/DE]; Goeschwitzer Strasse 51-52, 07745 Jena (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENDETT, Mark [US/US]; 2770 Gladstone, Ann Arbor, MI 48104 (US).

BISCHOFF, Mark [DE/DE]; Am Bach 3, 99334 Elleben OT Riechheim (DE).

GERLACH, Mario [DE/DE]; Klosterlausnitzer Strasse 14, 07607 Eisenberg (DE).

MUEHLHOFF, Dirk [DE/DE]; Am Moenchenberge 2, 07751 Kunitz (DE).

(74) KIEL, Gerald, H.; Reed Smith LLP, 599 Lexington Avenue, New York, NY 10022-7650 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 13/00

(11) WO 2004/105662 (13) A1

(21) PCT/US2004/015925

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,988 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MICROBICIDAL COMPOSITIONS AND METHODS OF USE

• COMPOSITIONS MICROBICIDES ET PROCEDES D'UTILISATION

(71) PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH [US/US]; 1455 N.W. Leary Way, Seattle, Washington 98107-5136 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAMUS-BABLON, Florence [US/US]; c/o Program for Appropriate Technology in Health, 1455 N.W. Leary Way, Seattle, Washington 98107-5136 (US). ZANEVELD, Lourens J.D. [US/BR]; Rua Japao 90; Apartement 72, SP 04530-070 Sao Paulo, Brazil (BR). WALLER, Donald P. [US/US]; c/o University of Illinois at Chicago, Department

of Pharmaceutics and Pharmacodynamics, College of Pharmacy, M/C 865, 833 South Wood Street, Chicago, Illinois 60612 (US).

(74) CORNWELL, DAVID K.S. et al. / etc.; STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, District of Columbia 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61F 13/15, A61L 15/00

(11) WO 2004/105663 (13) A1

(21) PCT/US2004/015894

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/445,539 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ABSORBENT PADS

• GARNITURES ABSORBANTES

(71) BBA NONWOVENS SIMPSONVILLE, INC. [US/US]; 840 Southeast Main Street, Simpsonville, SC 29681 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAER, Samuel, Charles [US/US]; 510 Collingsworth Lane, Greenville, SC 29615 (US).

(74) LINKER, Raymond, O., Jr. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61F 13/15

(11) WO 2004/105664 (13) A1

(21) PCT/US2004/016673

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,582 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISPOSABLE PULL-ON GARMENT

• VETEMENT JETABLE FACILE A ENFILER

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUDA, Toshiyuki [JP/JP]; 3-745-46 Sumiyoshi, Uozumi-cho, Akashi, Hyogo 674-0084 (JP). FUJIMOTO, Kenji [JP/JP]; 1-11-35-306 Fukaekitamachi, Higashinada-ku, Kobe, Hyogo 658-0013 (JP).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61F 13/15

(11) WO 2004/105665 (13) A1

(21) PCT/US2004/016677

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,583 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISPOSABLE PULL-ON GARMENT HAVING GRAPHIC PATCH

• VETEMENT JETABLE A ENFILER COMPORTANT UNE PIECE GRAPHIQUE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUDA, Toshiyuki [JP/JP]; 3-745-46 Sumiyoshi, Uozumi-cho, Akashi, Hyogo 674-0084 (JP). FUJIMOTO, Kenji [JP/JP]; 1-11-35-306 Fukaekitama, Higashinada-ku, Kobe, Hyogo 658-0013 (JP). OHGATA, Hiroyuki [JP/JP]; 4-10-1-203 Kamikoshien, Nishinomiyama, Hyogo 663-8114 (JP).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61F 13/472, 13/53

(11) WO 2004/105666 (13) A1

(21) PCT/US2004/016033

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/444,443 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • THIN, FLEXIBLE SANITARY NAPKIN HAVING A COMPRESSION RESISTANT ABSORBENT STRUCTURE

• SERVIETTE HYGIENIQUE MINCE ET SOUPLE AVEC STRUCTURE ABSORBANTE RESISTANT A LA COMPRESSION

(71) MCNEIL-PPC, INC. [US/US]; Grandview Road, Skillman, NJ 08558 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DRZEWIECKI, Brian, Michael [US/US]; 119 Hoover Avenue, Princeton, NJ 08540 (US). BARR, James, P. [US/US]; 64 Van Liew Road, East Amwell, NJ 08551 (US).

(74) JOHNSON, Philip, S. et al. / etc.; One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61F 13/475

(11) WO 2004/105667 (13) A1

(21) PCT/JP2004/007143

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 2003-151999 29 May/mai 2003 JP (29.05.2003)

(30) 2003-421580 18 Dec/déc 2003 JP (18.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SANITARY NAPKIN

• SERVIETTE HYGIENIQUE

(71) UNI-CHARM CORPORATION [JP/JP]; 182, Shimobun, Kinsei-cho, Shikokuchuo-shi, Ehime 7990111 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINOSHITA, Masataka [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP). NISHITANI, Kazuya [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP). TANIO, Toshiyuki [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP). SAKAI, Akane [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP). KUDO, Jun [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP).

(74) NOZAKI, Teruo; 3rd Floor, Nishiwaki Building, 1-4, Kojimachi 4-chome, Chiyoda-ku, Tokyo 1020083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 13/494, 13/475, 13/532, 13/535

(11) WO 2004/105668 (13) A1

(21) PCT/EP2004/005053

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 26 022.6 2 Jun/juin 2003 DE (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SINGLE-USE HYGIENE ARTICLE

• ARTICLE HYGIENIQUE A USAGE UNIQUE

(71) PAUL HARTMANN AG [DE/DE]; Paul-Hartmann-Strasse 12, 89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RÖHRL, Wolfgang [DE/DE]; Böllstrasse 34, 89542 Herbrechtingen (DE). STUPPERICH, Hans-Peter [DE/DE]; Hauptstrasse 86, 89552 Heidenheim (DE).

(74) FRIZ, Oliver; Patentanwälte Dreiss, Fuhlen-dorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 13/53

(11) WO 2004/105669 (13) A1

(21) PCT/JP2004/007140

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 2003-148629 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ABSORBENT ARTICLE

• ARTICLE ABSORBANT

(71) UNI-CHARM CORPORATION [JP/JP]; 182, Shimobun, Kinsei-cho, Shikokuchuo-shi, Ehime, 7990111 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIMASA, Wataru [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa, 7691602 (JP). TAMAGAWA, Noritatsu [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa, 7691602 (JP). NISHITANI, Kazuya [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa, 7691602 (JP).

(74) NOZAKI, Teruo; 3rd Floor, Nishiwaki Building, 1-4, Kojimachi 4-chome, Chiyoda-ku, Tokyo, 1020083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 13/539
(11) WO 2004/105670 (13) A1
(21) PCT/JP2004/007141
(22) 19 May/mai 2004 (19.05.2004)
(25) en (26) en
(30) 2003-152000 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • SANITARY NAPKIN
• SERVIETTE HYGIENIQUE
- (71) UNI-CHARM CORPORATION [JP/JP]; 182, Shimobun, Kinsei-cho, Shikokuchuo-shi, Ehime, 7990111 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KINOSHITA, Masataka [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa, 7691602 (JP). NISHITANI, Kazuya [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa, 7691602 (JP). SAKAI, Akane [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa, 7691602 (JP).
- (74) NOZAKI, Teruo; 3rd Floor, Nishiwaki Building, 1-4, Kojimachi 4-chome, Chiyoda-ku, Tokyo, 1020083 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 13/56, 13/15, 13/58
(11) WO 2004/105671 (13) A1
(21) PCT/US2004/017184
(22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
(30) 60/473,698 28 May/mai 2003 US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • STRETCHABLE FASTENER
• ATTACHE EXTENSIBLE
- (71) AVERY DENNISON CORPORATION [US/US]; 150 North Orange Grove Blvd., Pasadena, CA 91103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MICHIELSEN, Loes [BE/BE]; Burg. J. Van Aperenstraat 18, B-2320 Hoogstraten (BE). BOGAERTS, Bert [BE/BE]; Vlaamse Gaal 3, B-2530 Boechout (BE). COOMANS, Michel [BE/BE]; Heesterstraat 9, B-3945 Ham (BE).
- (74) MURPHY, Cynthia, S.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, 19th Floor, Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61G 5/02
(11) WO 2004/105672 (13) A1
(21) PCT/SI2003/000018
(22) 30 May/mai 2003 (30.05.2003)
(25) sl (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • SUPPLEMENTARY DRIVING MECHANISM OF THE MUSCLE-DRIVEN VEHICLE FOR ACCELERATED REHABILITATION OF A PARALYZED ARM
• MECANISME DE DIRECTION SUPPLEMENTAIRE POUR VEHICULE ACTIONNE MUSCULAIREMENT, DESTINE A ACCELERER LA REEDUCATION D'UN BRAS PARALYSE
- (71) IZUMI, D.O.O. [SI/SI]; Dunajska 404, 1000 Ljubljana (SI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARKOVIC, Vladimir [SI/SI]; Glavarjeva 47, 1000 Ljubljana (SI).
- (74) PIPAN, Marjan; Kotnikova 5, 1000 Ljubljana (SI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ PL PT RO RU SD SE SG SK
- SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61G 7/10, 7/08, 1/06, 5/00
(11) WO 2004/105673 (13) A1
(21) PCT/CA2004/000747
(22) 18 May/mai 2004 (18.05.2004)
(25) en (26) en
(30) 10/445,359 27 May/mai 2003 US (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • STEERABLE PERSON HANDLING SYSTEM
• SYSTEME DE MANIPULATION DE PERSONNE DIRIGE
- (71) 614641 N.B. INC. [CA/CA]; Brunswick House, 44 Chipman Hill, Suite 1000, Saint-John, New Brunswick E2L 4S6 (CA).
- (72) FAUCHER, Martin; 315 Chemin du Ruisseau, Kateville, Québec J0B 1W0 (CA). CORRIVEAU, Michel; 5975 Chemin Kendall, Eaton, Québec J1M 2A3 (CA).
- (74) KOSIE, Ronald, S. et al. / etc.; Brouillette Kosie Prince, 1100 René-Lévesque Blvd. West, 25th Floor, Montréal, Québec H3B 5C9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61H 9/00
(11) WO 2004/105674 (13) A1
(21) PCT/IB2004/001739
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 2003/4253 30 May/mai 2003 ZA (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • A BODY TREATMENT APPARATUS
• APPAREIL DE TRAITEMENT CORPOREL
- (71, 72) O'CONNOR, Garth [ZA/ZA]; 25 Margaret Maytom Drive, 4051 DURBAN NORTH (ZA).
- (74) ROTTEVEEL, Martin; Adams & Adams, Private Bag 16, 7 Nollsworth Crescent, Nollsworth, La Lucia Ridge Office Estate, La Lucia, 4320 UMHLANGA (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61H 15/02, A61M 37/00

(11) WO 2004/105675 (13) A1

(21) PCT/CN2004/000566

(22) 31 May/mai 2004 (31.05.2004)

(25) zh (26) zh

(30) 03126716.5 30 May/mai 2003 CN
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A HEATING HERBAL APPARATUS
• APPAREIL CHAUFFANT POUR
HERBES MEDICINALES

(71, 72) CHAU, Hangchun [CN/CN]; Flat A2,
15/F., Cambridge Court, 84 Waterloo Road,
Kowloon, Hong kong (CN).

(74) GUANGZHOU ZHIYOU PATENT
AGENCY CO., LTD; 7F, Building N0.
60, 100 XianLic Zhong Road, Guangzhou,
Guangdong 510070 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61H 23/04

(11) WO 2004/105676 (13) A1

(21) PCT/MX2003/000045

(22) 28 May/mai 2003 (28.05.2003)

(25) es (26) es

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANGIOLOGICAL BOOT COMPRISING
PNEUMATIC PLANTAR CHAMBER
FOR THE GENERATION OF PRES-
SURE PULSES
• BOTTE ANGIOLOGIQUE AVEC
CHAMBRE PNEUMATIQUE PLAN-
TAIRE POUR LA PRODUCTION
D'IMPULSIONS DE PRESSION

(71, 72) TRINIDAD VASQUEZ, J. Magdiel
[MX/MX]; Tarasco 3469, Int. 204, Col.
Fracc. Monraz, C.P. 44670, Guadalajara,
(MX).

(74) GARCIA VELAZQUEZ, Jose Ramon; Pe-
dro Moreno 1108, Int.105, Col.Americana,
C.P. 44160, Guadalajara (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ A61H 33/02, A47K 3/022

(11) WO 2004/105677 (13) A1

(21) PCT/NZ2004/000107

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 526225 30 May/mai 2003 NZ
(30.05.2003)

(30) 526549 16 Jun/juin 2003 NZ
(16.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BATH AERATION
• BAIGNOIRE A BULLES

(71, 72) MARKS, Kipley, Roydon [NZ/NZ]; 61
St Heliers Bay Road, St Heliers, Auckland,
1005 (NZ).

(72, 75) STRICKLAND, Timothy, Vaughan
[NZ/NZ]; 49 Waitakere Road, Waitakere,
Auckland, 1008 (NZ).

(74) BALDWIN SHELSTON WATERS; PO
Box 5999, Wellesley Street, Auckland, 1001
(NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61K

(11) WO 2004/105678 (13) A2

(21) PCT/BR2004/000077

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) PI0302736-8 2 Jun/juin 2003 BR
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHARMACEUTICAL COMPOSITION
BASED ON KETOROLAC OR ONE OF
ITS SALTS PHARMACEUTICALLY
ACCEPTABLE AND USE OF KETORO-
LAC OR ITS SALTS IN PHARMACEU-
TICAL COMPOSITIONS

• COMPOSITION PHARMACEUTIQUE
A BASE DE KETOROLAC OU UN DE
SES SELS ACCEPTABLE AU PLAN
PHARMACEUTIQUE, UTILISATION
DU KEROTOLAC OU UN DE SES SELS
DANS DES COMPOSITIONS PHAR-
MACEUTIQUES

(71) NATURE'S PLUS FARMACÊUTICA
LTDA. [BR/BR]; Rodovia SP 110, Km 108,
13186-481 Hortolândia (BR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VANDONI, Guido [IT/IT]; Via Princi-
pale, 30, I-20050 Correzzana (IT). OLIANI,
Carlo [BR/BR]; Rodovia SP 101, Km 08,
13186-481 Hortolândia (BR). COELHO,
Adriano [BR/BR]; Rodovia SP 101, Km 08,
13186-481 Hortolândia (BR). ZANIBONI,
Heny [BR/BR]; Rodovia SP 101, Km 08,
13186-481 Hortolândia (BR).

(74) LLC INFO CONNECTION LTDA.; 5555
Dom Hélder Câmara Av., Rm 312, Pílares,
20771-001 Rio de Janeiro (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61K

(11) WO 2004/105679 (13) A2

(21) PCT/EP2004/005897

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 10/855,111 30 May/mai 2003 US
(30.05.2003)

(30) PCT/US04/16902 26 May/mai 2004 US
(26.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • USE OF A NUTRITIONAL COMPO-
SITION FOR TREATING HYPERTEN-
SION

• UTILISATION D'UNE COMPOSITION
NUTRITIONNELLE DANS LE TRAI-
TEMENT DE L'HYPERTENSION

(71, 72) RATH, Matthias [DE/NL]; Twentepoort
Oost 3a, NL-7609 RG Almelo (NL).

(72, 75) IVANOV, Vadim [US/US]; 6535 Ridge-
wood Drive, Castro Valley, CA 94552 (US).
IVANOVA, Svetlana [US/US]; 6535 Ridge-
wood Drive, Castro Valley, CA 94552 (US).
ROOMI, Waheed [US/US]; 983 La Mesa
Terrace E, Sunnyvale, CA 94086 (US).

- NIEDZWIECKI, Aleksandra** [US/US]; 1394 Heckman Way, San Jose, CA 95129 (US).
- (74) **DEHN, Frank**; Alexanderstrasse 3, 70184 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 2004/105680** (13) A2
- (21) PCT/US2004/011459
- (22) **12 Apr/avr 2004 (12.04.2004)**
- (25) en (26) en
- (30) 10/446,352 **28 May/mai 2003 US (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **ORAL CARE PRODUCTS COMPRISING CALCIUM METASILICATES**
- **PRODUITS D'HYGIENE BUCCALE CONTENANT DES METASILICATES DE CALCIUM**
- (71) **J. M. HUBER CORPORATION** [US/US]; 333 Thornall Street, Edison, NJ 08837 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72) **WITHIUM, Michael, C.**; 25 Ketcham Court, Landenberg, PA 19350 (US). **CONLEY, Donald, P.**; 73 Groff Farm Lane, Conowingo, MD 21918 (US).
- (74) **NIEVES, Carlos et al.** / etc.; J. M. Huber Corporation, 333 Thornall Street, Edison, NJ 08837 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP*
- (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
- (51)⁷ **A61K**
- (11) **WO 2004/105681** (13) A2
- (21) PCT/US2004/012650
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 60/466,235 **28 Apr/avr 2003 US (28.04.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **CD4+ HUMAN PAPILLOMAVIRUS (HPV) EPITOPES**
- **EPITOPES DU PAPILLOMAVIRUS HUMAIN (HPV) CD4+**
- (71) **INNOGENETICS N.V.** [BE/BE]; Technologiepark 6, B-9052 Zwijnaarde (BE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BABE, Lilia, M.** [US/US]; 812 Bayview Way, Emerald Hills, CA 94064 (US). **DE YOUNG, Lawrence, M.** [US/US]; 991 Elm Street, Montara, CA 94037 (US). **HARDING, Fiona, A** [US/US]; 772 Lewis Street, Santa Clara, CA 95050 (US). **HUANG, Manley, T., F.** [US/US]; 504 El Capitan Place, Palo Alto, CA 94304 (US). **POWER, Scott, D.** [US/US]; 524 Poplar Avenue, San Bruno, CA 94066 (US). **STICKLER, Marcia** [US/US]; 869 Georgetown Place, San Jose, CA 95126 (US).
- (74) **MACKNIGHT, Kamrin, T.**; Genencor International, Inc., 925 Page Mill Road, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 2004/105682** (13) A2
- (21) PCT/US2004/013308
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 60/473,378 **23 May/mai 2003 US (23.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **CARBOSTYRIL DERIVATIVES AND MOOD STABILIZERS FOR TREATING MOOD DISORDERS**
- **DERIVES DE CARBOSTYRILE ET PSYCHOREGULATEURS POUR TRAITER LES TROUBLES DE L'HUMEUR**
- (71) **OTSUKA PHARMACEUTICAL CO., LTD.** [JP/JP]; 9, Kanda-Tsukasacho 2-chome, Chiyoda-ku, Tokyo 101-8535 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KIKUCHI, Tetsuro** [JP/JP]; 157-13, Kawauchicho Komatsunishi, Tokushima-shi, Tokushima 771-0104 (JP). **IWAMOTO, Taro** [JP/US]; 36 Boundinot Street, Princeton, NJ 08540 (US). **HIROSE, Tsuyoshi** [JP/JP]; 8-9-502, Sakoichibancho, Tokushima-shi, Tokushima 770-0021 (JP).
- (74) **KIT, Gordon et al.** / etc.; Sughrue Mion, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 2004/105683** (13) A2
- (21) PCT/US2004/014333
- (22) **7 May/mai 2004 (07.05.2004)**
- (25) en (26) en
- (30) 10/446,471 **27 May/mai 2003 US (27.05.2003)**
- (30) 10/646,443 **22 Aug/août 2003 US (22.08.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **SUBSTANTIALLY SOLID DENTAL BLEACHING COMPOSITIONS IN A TRAY-LIKE CONFIGURATION AND KITS AND METHODS THAT UTILIZE SUCH COMPOSITIONS**
- **COMPOSITIONS DE BLANCHIMENT DENTAIRE SENSIBLEMENT SOLIDE EN CONFIGURATION DU TYPE PLATEAU, KITS ET METHODES UTILISANT CES COMPOSITIONS**
- (71) **ULTRADENT PRODUCTS, INC.** [US/US]; 505 West 10200 South, South Jordan, UT 84095 (US).
- (72) **ALLRED, Peter, M.**; 3136 West 13680 South, Riverton, UT 84065 (US). **JESSOP, Neil, T.**; 11538 Colchester Drive, Sandy, UT 84092 (US).

- (74) NYDEGGER, Rick, D. et al. / etc.; Workman, Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61K

(11) WO 2004/105684 (13) A2

(21) PCT/US2004/015346

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,841 16 May/mai 2003 US (16.05.2003)

(30) 60/485,474 8 Jul/juil 2003 US (08.07.2003)

(30) 60/511,415 14 Oct/oct 2003 US (14.10.2003)

(30) 60/511,280 14 Oct/oct 2003 US (14.10.2003)

(30) 60/511,259 14 Oct/oct 2003 US (14.10.2003)

(30) 60/514,173 24 Oct/oct 2003 US (24.10.2003)

(30) 60/561,940 13 Apr/avr 2004 US (13.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMBINATION THERAPY FOR PROLIFERATIVE DISORDERS

• THERAPIE COMBINATOIRE POUR TRAITER DES TROUBLES CHRONIQUES

(71) INTERMUNE, INC. [US/US]; 3280 Bayshore Boulevard, Brisbane, CA 94005 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLATT, Lawrence, M. [US/US]; 10 Shoreview, San Francisco, CA 94121 (US). SEIWERT, Scott, D. [US/US]; 828 Rockaway Beach Avenue, Pacifica, CA 94044

(US). OZES, Osman, N. [TR/US]; 101 Piccadilly Place, Unit E, San Bruno, CA 94066 (US).

(74) BORDEN, Paula, A.; BOZICEVIC, FIELD & FRANCIS LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 2004/105685 (13) A2

(21) PCT/US2004/015435

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/473,294 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISPLACEABLE LINKER SOLID PHASE CHEMICAL LIGATION
• LIGATION CHIMIQUE EN PHASE SOLIDE EFFECTUEE AVEC UN AGENT DE LIAISON MOBILE

(71) GRYPHON THERAPEUTICS, INC. [US/US]; 600 Gateway Boulevard, South San Francisco, CA 94080-4824 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOW, Donald [US/US]; 1404 Floribunda Avenue, Burlingame, CA 94010 (US). HU, Ying [US/US]; 312 Lansdale Avenue, #C, Millbrae, CA 94030 (US). BOTTI, Paolo [IT/IT]; Via Vittorio Veneto 18, I-29100 Piacenza (IT).

(74) KEZER, William, B. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 2004/105686 (13) A2

(21) PCT/US2004/015698

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/473,313 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NOVEL TOPICAL STEROID CREAM FORMULATIONS

• NOUVELLES FORMULATIONS EN CREME A BASE DE STEROIDE POUR APPLICATION TOPIQUE

(71) TARO PHARMACEUTICALS U.S.A., INC. [US/US]; Five Skyline Drive, Hawthorne, NY 10532 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MOLDENHAUR, Maxine, G. [CA/CA]; 13752 6th Line, R.R. #1, Acton, L7J 2T7 (CA).

(74) ROBERTSON-CHOW, Donna; Taro Pharmaceuticals U.S.A., Inc., 3 Skyline Drive, Hawthorne, NY 10532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/105687 (13) A2

(21) PCT/US2004/015853

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,429 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANTIMICROBIAL QUATERNARY AMMONIUM ORGANOSILANE COATINGS

• REVETEMENTS ORGANO AMMONIUM QUATERNAIRES ANTIMICROBIENS

(71) COATING SYSTEMS LABORATORIES, INC. [US/US]; 211 East Chilton Drive, Chandler, AZ 85076-0386 (US). NORTHERN GRAVEL COMPANY [US/US]; 2509 Petibone Avenue, Muscatine, IA 52761 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETERSON, William [US/US]; 3126 E. Amber Ridge Way, Phoenix, AZ 85048 (US). BERMAN, Renee, E. [US/US]; 1600 N. Saba St., #110, Chandler, AZ 85225 (US).

(74) JENKINS, Kenneth, E. et al. / etc.; Townsend And Townsend And Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*(51)⁷ A61K

(11) WO 2004/105688 (13) A2

(21) PCT/US2004/015908

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,171 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BACTERICIDAL COMPOSITION AND ASSOCIATED METHOD
• COMPOSITION BACTERICIDE ET PROCEDE ASSOCIE

(71) ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC. [US/US]; 351 West 10th Street, Indianapolis, IN 46202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOLITORIS, Bruce, A. [US/US]; 1213 Alderly Road, Indianapolis, IN 46260 (US). SANDOVAL, Ruben, M., Jr. [US/US]; 3819 Arbor Green Way, No. 814, Indianapolis, IN 46220 (US).

(74) ADDISON, Bradford, G.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 2004/105689 (13) A2

(21) PCT/US2004/016054

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,492 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TOPICAL COMPOSITION FOR THE TREATMENT OF SKIN DISORDERS AND METHODS OF USING THE SAME

• COMPOSITION S'APPLIQUANT LOCALEMENT AFIN DE TRAITER DES LESIONS EPIDERMiques ET SES METHODES D'UTILISATION

(71) HOST PHARMACEUTICALS, LLC [US/US]; 31 King Court, Hillsdale, NJ 07642 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) STRAUSS, Steven, R.; 31 King Court, Hillsdale, NJ 07642 (US). KEARNS, Marcy, L.; 2455 South Coral Trace Circle, Delray Beach, FL 33445 (US).

(74) WATOV, Kenneth; Watov & Kipnes, P.C., P.O. Box 247, Princeton Junction, NJ 08550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 2004/105690 (13) A2

(21) PCT/US2004/016101

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/473,377 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TREATMENT OF CHRONIC PAIN ASSOCIATED WITH DRUG OR RADIATION THERAPY

• TRAITEMENT DE DOULEURS CHRONIQUES AU MOYEN DE CHIMIOThERAPIE OU DE RADIOTHERAPIE

(71) CYPRESS BIOSCIENCE, INC. [US/US]; 4350 Executive Drive, Suite 325, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAO, Srinivas, G. [US/US]; 11590 Jaguar Court, San Diego, CA 92131 (US). KRANZLER, Jay, D. [US/US]; 7395 Via Capri, La Jolla, CA 92037 (US).

(74) PABST, Patrea, L. et al. / etc.; Pabst Patent Group LLP, 400 Colony Square, Suite 1200, 1201 Peachtree Street, Atlanta, GA 30309-3400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) *for all designations / pour toutes les désignations*(t) *for all designations / pour toutes les désignations*(51)⁷ A61K

(11) WO 2004/105691 (13) A2

(21) PCT/US2004/016135

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/474,096 29 May/mai 2003 US (29.05.2003)

(30) 10/619,766 15 Jul/juil 2003 US (15.07.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHARMACEUTICAL COMPOSITIONS FOR ORAL ADMINISTRATION COMPRISING LITHIUM CARBONATE

• COMPOSITIONS PHARMACEUTIQUES POUR ADMINISTRATION PAR VOIE ORALE, COMPRENANT DU CARBONATE DE LITHIUM

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford Middlesex UB6 0NN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABNEY, Christopher, Charles [US/US]; 1209 New Log Lick Road, Winchester, Kentucky 40391 (US). HAMPTON, Brandeon, Scott [US/US]; 10 Sylvania Avenue, Winchester, Kentucky 40391 (US). NORTON, James, Russell [US/US]; 3587 Briarpatch Way, Lexington, Kentucky 40509 (US). SCHAVE, Daniel, Joseph [US/US]; 255 Hibiscus Lane, Winchester, Kentucky 40391 (US). TOMAICH, George, Ronald [US/US]; 3313 Bridlington Road, Lexington, Kentucky 40509 (US).

(74) LEVY, David, J. et al. / etc.; GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 2004/105692 (13) A2

(21) PCT/US2004/016199

- (22) 21 May/mai 2004 (21.05.2004)
 (25) en (26) en
 (30) 60/473,173 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SMOOTH MUSCLE SPASMOLYTIC AGENTS
 • AGENTS SPASMOLYTIQUES POUR MUSCLES LISSES
- (71) BRIDGE PHARMA, INC. [US/US]; 902 Contento Street, Sarasota, FL 34242 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ABERG, Gunnar, A., K. [SE/US]; 902 Contento Street, Sarasota, FL 34242 (US).
 CHEN, Jan, L. [CN/US]; 23 Redland Road, Shrewsbury, MA 01545 (US).
 MAIOLI, Andrew, T. [US/US]; 35 Druid Road, Warwick, RI 02888 (US).
 WRIGHT, George, E. [US/US]; 298 Highland Street, Worcester, MA 01602 (US).
- (74) LEMACK, Kevin, S. et al. / etc.; Nields & Lemack, 176 E. Main Street, Suite 7, Westboro, MA 01581 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
 (u) for / pour US only / seulement
- (51)⁷ A61K
 (11) WO 2004/105694 (13) A2
 (21) PCT/US2004/016286
 (22) 24 May/mai 2004 (24.05.2004)
 (25) en (26) en
 (30) 10/444,935 22 May/mai 2003 US (22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PHARMACEUTICAL COMPOSITIONS AND DOSAGE FORMS FOR ADMINISTRATION OF HYDROPHOBIC DRUGS
 • COMPOSITIONS PHARMACEUTIQUES ET FORMES POSOLOGIQUES POUR L'ADMINISTRATION DE MÉDICAMENTS HYDROPHOBES
- (71) LIPOCINE, INC. [US/US]; 350 West 800 North, #314, SLC, UT 84103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEN, Feng-Jing [CN/US]; 201 East South Temple, #420, Salt Lake City, UT 84111 (US).
 PATEL, Mahesh, V. [US/US]; 3199 East Oakcliff Drive, Salt Lake City, UT 84124 (US).
 FIKSTAD, David, T. [US/US]; 726 South Green Street, Salt Lake City, UT 84102 (US).
 ZHANG, Huiping [US/US]; 2187 Country View Lane, Salt Lake City, UT 84121 (US).
 GILIYAR, Chandrashekar [IN/US]; 64 Elizabeth Street, Apt.#1, Salt Lake City, UT 84102 (US).
- (74) WESTERN, M., Wayne et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K
 (11) WO 2004/105693 (13) A2
 (21) PCT/US2004/016204
 (22) 22 May/mai 2004 (22.05.2004)
 (25) en (26) en
 (30) 10/444,501 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPONENTS, SYSTEMS AND METHODS FOR FORMING ANASTOMOSES USING MAGNETISM OR OTHER COUPLING MEANS
 • COMPOSANTS, SYSTEMES ET PROCEDES DE FORMATION D'ANASTOMOSES AU MOYEN DE MAGNETISME OU D'AUTRES MOYENS DE COUPLAGES
- (71) VENTRICA, INC. [US/US]; 3705 Haven Ave., Suite 103, Menlo Park, CA 94025 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHARKAWY, A., Adam [US/US]; 731 Canyon Road, Redwood City, CA 94062 (US).
 STINE, J., Greg [US/US]; 6554 Devonshire Drive, San Jose, CA 94129 (US).
 COLE, David, H. [US/US]; 1550 Lago Street, San Mateo, CA 94403 (US).
 CREWS, Samuel [US/US]; 330 Nimitz Avenue, Redwood City, CA 94061 (US).
 GITTINGS, Darin, C. [US/US]; 520 South Bayview Avenue, Sunnyvale, CA 94086 (US).
 KESSLER, Adam [US/US]; 246 Grove Avenue, Fremont, CA 94539 (US).
 FOLEY, Mark [US/US]; 11151 Hobart Street, Menlo Park, CA 94304 (US).
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K
 (11) WO 2004/105695 (13) A2
 (21) PCT/US2004/016308
 (22) 24 May/mai 2004 (24.05.2004)
 (25) en (26) en
 (30) 60/472,558 22 May/mai 2003 US (22.05.2003)
 (30) 60/544,638 13 Feb/fév 2004 US (13.02.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHODS AND MATERIALS FOR TREATING, DETECTING, AND REDUCING THE RISK OF DEVELOPING ALZHEIMER'S DISEASE
 • PROCEDES ET SUBSTANCES POUR TRAITER, DETECTER ET REDUIRE LES RISQUES DE DEVELOPPER LA MALADIE D'ALZHEIMER
- (71) CREIGHTON UNIVERSITY [US/US]; 601 N. 30th Street, Suite 1609, Omaha, NE 68131 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PEDERSEN, Ward, A. [CA/US]; 11412 South 43rd Avenue, Bellevue, NE 68123 (US).
- (74) ROGALSKYJ, Peter et al. / etc.; Rogalskyj & Weyand, LLP, P.O. Box 44, Livonia, NY 14487-0044 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K
 (11) WO 2004/105696 (13) A2
 (21) PCT/US2004/016314
 (22) 21 May/mai 2004 (21.05.2004)
 (25) en (26) en
 (30) 60/473,207 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMBINATION THERAPY FOR THE TREATMENT OF NEOPLASMS
 • THERAPIE COMBINATOIRE POUR LE TRAITEMENT DES NEOPLASMES
- (71) COMBINATORX, INCORPORATED [US/US]; 650 Albany Street, Boston, MA 02118 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Margaret, S. [US/US]; 20 Pleasant Street, Middleton, MA 01949 (US). NICHOLS, James, M. [US/US]; 8 Garrison Street, Apartment 4, Boston, MA 02116 (US). WILSON, Amy, Beth [US/US]; 660 Cambridge Street, Cambridge, MA 02141 (US). ZIMMERMANN, Grant, R. [US/US]; 15 Chandler Street, Somerville, MA 02144 (US).

(74) BELLIVEAU, Michael, J.; Clark & Elbing, LLP, 101 Federal Street, Boston, MA 02110-1817 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 2004/105697 (13) A2

(21) PCT/US2004/016406

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,403 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NOVEL LIPIDS FOR TRANSFECTION OF NUCLEIC ACIDS
• LIPIDES POUR LA TRANSFECTION D'ACIDES NUCLEIQUES

(71) MOLECULAR TRANSFER, INC. [US/US]; 9700 Great Seneca Highway, Rockville, MD 20850 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEBEYEHU, Gulilat [US/US]; 12400 Rivers Edge Dr., Potomac, MD 20854 (US). JAOUNI, Taysir, M., Jr. [US/US]; 20506 Woodbridge Dr., Hagerstown, MD 21742 (US). JESSEE, Joel [US/US]; 4139 Baltimore National Parkway, Mount Airy, MD 21771 (US).

(74) BOOTH, Paul, M. et al. / etc.; Heller Ehrman White & McAuliffe LLP, Suite 300, 1666 K Street, NW, Washington, DC 20006-1228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 2004/105698 (13) A2

(21) PCT/US2004/016492

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 60/474,168 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • USE OF PHOSPHATASE INHIBITORS AS ADJUNCT THERAPY FOR PSYCHIATRIC DISORDERS

• UTILISATION D'INHIBITEURS DE PHOSPHATASE EN TANT QUE TRAITEMENT D'APPOINT POUR TROUBLES PSYCHIATRIQUES

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCOLNICK, Edward, M. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 2004/105699 (13) A2

(21) PCT/US2004/016496

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 60/473,820 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOSITIONS OF A CYCLOOXYGENASE-2 SELECTIVE INHIBITOR AND A CANNABINOID AGENT FOR THE TREATMENT OF CENTRAL NERVOUS SYSTEM DAMAGE

• COMPOSITIONS RENFERMANT UN INHIBITEUR SELECTIF DE LA CYCLOOXYGENASE-2 ET UN AGENT CANNABINOIDE SERVANT AU TRAITEMENT DE LESIONS DU SYSTEME NERVEUX CENTRAL

(71) PHARMACIA CORPORATION [US/US]; Global Patent Department, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEPHENSON, Diane, T. [US/US]; 1527 North Road, Groton, CT 06340 (US). TAYLOR, Duncan, P. [US/US]; 8722 West F Avenue, Kalamazoo, MI 49009 (US).

(74) HEJLEK, Edward, J. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61K

(11) WO 2004/105700 (13) A2

(21) PCT/US2004/016524

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 60/473,475 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOUNDS, METHODS AND PHARMACEUTICAL COMPOSITIONS FOR INHIBITING PARP

• COMPOSES, PROCÉDES ET COMPOSITIONS PHARMACEUTIQUES DESTINES A L'INHIBITION DE LA PARP

(71) GUILDFORD PHARMACEUTICALS, INC. [US/US]; 6611 Tributary Street, Baltimore, MD 21224 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KALISH, Vincent, J. [US/US]; 344 Dubois Road, Annapolis, MD 21401 (US). ZHANG, Jie [US/US]; 8513 High Timber Court, Ellicott City, MD 21043 (US). XU, Weizheng [CN/US]; 3646 Grosvenor Drive, Ellicott City, MD 21042 (US). LI (James), Jia-He [US/US]; 27 Warren Manor Court, Cockeysville, MD 21030 (US). XING, Amy,

- D. [US/US]; 13846 Kerry Lane, San Diego, CA 92130 (US).
- (74) **SADOFF, B.J.**; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 2004/105701** (13) A2
- (21) PCT/US2004/016568
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) PCT/US03/17131 **29 May/mai 2003 US (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOSITIONS AND METHODS FOR SYMPTOMATIC RELIEF
- COMPOSITIONS ET METHODES PERMETTANT DE SOULAGER DES SYMPTOMES DE DIVERSES MALADIES
- (71) **BIO-DEFENSE NUTRITIONALS, INC.** [US/US]; 21758 Walnut Avenue, Grand Terrace, CA 92313 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HOLCOMB-HALSTEAD, Terri, Lee** [US/US]; 21758 Walnut Avenue, Grand Terrace, CA 92313 (US). **WANG, Zhenguo** [CN/US]; 21758 Walnut Avenue, Grand Terrace, CA 92313 (US).
- (74) **FISH, Robert, D. et al. / etc.**; Rutan & Tucker, 611 Anton Blvd., 14th floor, Costa mesa, CA 92626-1931 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 2004/105702** (13) A2
- (21) PCT/US2004/016733
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) en (26) en
- (30) 10/445,487 **28 May/mai 2003 US (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FOAMABLE PHARMACEUTICAL COMPOSITIONS AND METHODS FOR TREATING A DISORDER
- COMPOSITIONS PHARMACEUTIQUES EXPANSIBLES ET PROCEDES DE TRAITEMENT D'UN TROUBLE DONNE
- (71) **STIEFEL LABORATORIES, INC.** [US/US]; 255 Alhambra Circle, Coral Gables, FL 33134 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **POPP, Karl, F.** [US/US]; 1775 Duck Pond Road, Schodack Landing, NY 12156 (US). **YUHAS, Edward, R.** [US/US]; 40 Cambridge Avenue, Yonkers, NY 10707 (US).
- (74) **NATH, Gary, M. et al. / etc.**; Nath & Associates PLLC, 6th Floor, 1030 15th Street, N.W., Washington, D.C. 20005-1503 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 2004/105703** (13) A2
- (21) PCT/US2004/016799
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 60/473,611 **27 May/mai 2003 US (27.05.2003)**
- (30) 10/853,585 **25 May/mai 2004 US (25.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOUNDS, FORMULATIONS, AND METHODS FOR TREATING OR PREVENTING ROSACEA
- COMPOSES, PREPARATIONS ET METHODES DE TRAITEMENT OU DE PREVENTION DE LA ROSACEE
- (71) **SANSROSA PHARMACEUTICAL DEVELOPMENT, INC.** [US/US]; 2 Taylor Drive, New Brunswick, NJ 08901 (US).
- (72) **DEJOVIN, Jack**; 2 Taylor Drive, New Brunswick, NJ 08901 (US). **ROSSI, Thomas, M.**; 104 Sandy Ridge Mount Airy Road, Stockton, NJ 08559 (US).
- (74) **BOCK, Joel, N.**; Sills Cummis Epstein & Gross P.C., One Riverfront Plaza, Newark, NJ 07102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 5/04**
- (11) **WO 2004/105705** (13) A1
- (21) PCT/EP2004/005128
- (22) **12 May/mai 2004 (12.05.2004)**
- (25) en (26) en
- (30) 03253383.8 **29 May/mai 2003 EP (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HAIR TREATMENT COMPOSITIONS
- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 2004/105704** (13) A2
- (21) PCT/US2004/017174
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 60/474,451 **29 May/mai 2003 US (29.05.2003)**
- (30) 60/567,062 **30 Apr/avr 2004 US (30.04.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • EMULSION BASE FOR SKIN CARE COMPOSITIONS
- BASE D'EMULSION POUR COMPOSITIONS DE SOINS DE LA PEAU
- (71) **SUN PHARMACEUTICALS CORPORATION** [US/US]; 50 N. Dupont Highway, Dover, DE 19903 (US).
- (72) **SANOGUEIRA, James, P.**; 4 Kimmissy Court, Suffern, NY 10901 (US). **HUERTA, Jose**; Highland road 42A, Cedar Grove, NJ 07009 (US). **DAHMS, Gerd**; Koopmannstrasse 59a, 47138 Duisburg (DE). **SEIDEL, Holger**; Im Hort 43, 47055 Duisburg (DE). **DONOVAN, Barbara, A.**; Holyoke Court 53, Wayne, NJ 07470 (US).
- (74) **RUGGIERO, Charles, N.J.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 5/04**
- (11) **WO 2004/105705** (13) A1
- (21) PCT/EP2004/005128
- (22) **12 May/mai 2004 (12.05.2004)**
- (25) en (26) en
- (30) 03253383.8 **29 May/mai 2003 EP (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HAIR TREATMENT COMPOSITIONS

• COMPOSITIONS DE TRAITEMENT
CAPILLAIRE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) MAHADESHWAR, Anand, Ram-chandra [IN/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebbington, Wirral Merseyside CH63 3JW (GB). SING-HAPUNTU, Siam [TH/TH]; UNILEVER THAI HOLDINGS LIMITED, 18 SCB Park Plaza Building 1, Ratchadapisek Road, Lad-yao, Jatujak, Bangkok, 10900 (TH).

(74) GRIFFITHS, Helen, Sarah et al. / etc.; Unilever Intellectual Property Group, Col-worth House, Sharnbrook, Bedford, MK44 1LQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ A61K 7/00, 7/48

(11) WO 2004/105706 (13) A1

(21) PCT/EP2004/005542

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 25 156.1 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ACTIVE INGREDIENT COMPOSITION COMPRISING VEGETABLE EXTRACTS FOR USE IN COSMETIC PRODUCTS

• PREPARATION DE PRINCIPE ACTIF CONTENANT DES EXTRAITS VEGETAUX ET DESTINEE AUX PRODUITS COSMETIQUES

(71) COTY B.V. [NL/NL]; Oudeweg 147, NL-2031 CC Haarlem (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZ-BERNER, Karin [DE/MC]; 34, quai Jean Charles Rey, MC-98000 Monaco (MC). ZASTROW, Leonhard [DE/MC]; 7, avenue des Papalins, MC-98000 Monaco (MC).

(74) WALTER, Wolf-Jürgen et al. / etc.; Gulde Hengelhaupt Ziebig & Schneider, Wallstr. 57-59, 10179 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/00

(11) WO 2004/105707 (13) A1

(21) PCT/JP2004/005714

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-151576 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OIL BASED GEL COMPOSITION

• COMPOSITION DE GEL A BASE D'HUILE

(71) AJINOMOTO CO. INC. [JP/JP]; 15-1, Kyobashi-chome, Chuo-ku, Tokyo, 1048315 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMATO, Naoya [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP).

(74) SHIMOKOSHI, Masao et al. / etc.; 9th Fl., Taka-ai Bldg., 15-2, Nihombashi 3-chome, Chuo-ku, Tokyo, 1030027 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/02

(11) WO 2004/105708 (13) A1

(21) PCT/IB2004/001671

(22) 24 May/mai 2004 (24.05.2004)

(25) it (26) en

(30) MI2003A 001093 30 May/mai 2003 IT (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTICOLOR COSMETIC PRODUCT
• PRODUIT COSMETIQUE MULTICOLORE

(71) GAMMA CROMA S.P.A. [IT/IT]; Via Brera, 6, I-20121 Milan (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANCOROTTI, Renato [IT/IT]; Via Mazzini, 39, I-26013 Crema (IT). GANDINI, Luigi [IT/IT]; Via Gramsci 18, I-20040 Cavenago di Brianza (IT).

(74) SANTORO, Tiziana; Marietti, Gislon e Trupiano S.r.l., Via Larga, 16, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 7/02, 7/50

(11) WO 2004/105709 (13) A1

(21) PCT/US2004/016985

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,220 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANHYDROUS SELF-WARMING COMPOSITION
• COMPOSITION ANHYDRE AUTO-CHAUFFANTE

(71) NEXT STEP LABORATORIES, INC. [US/US]; 184-25 145th Avenue, Springfield Gardens, NY 11413 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIGG, Richard [US/US]; 184-25 145th Avenue, Springfield, NY 11413 (US).

(74) YOUNG, Andrew, F. et al. / etc.; Andrew F. Young, P.C., 115 Orchid St., Floral Park, NY 11001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61K 7/06

(11) WO 2004/105710 (13) A1

(21) PCT/US2004/016233

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/447,966 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRANSPARENT CONDITIONING SHAMPOO

• SHAMPOING CONDITIONNEUR TRANSPARENT

(71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARDY, Eugene [US/US]; 29 Morsell Place, Old Bridge, NJ 08857 (US). PSIHOULES, Anthony [US/US]; 167 Bywater Way, Hillsborough, NJ 08844 (US).

(74) MIANO, Rosemary, M.; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 7/075

(11) WO 2004/105711 (13) A2

(21) PCT/US2004/016317

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,946 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CLEAR PERSONAL CARE COMPOSITIONS CONTAINING A CATIONIC CONDITIONING POLYMER AND AN ANIONIC SURFACTANT SYSTEM

• COMPOSITIONS D'HYGIENE PERSONNELLE TRANSPARENTES CONTENANT UN POLYMERE TRAITANT CATIONIQUE ET UN SYSTEME TENSIOACTIF ANIONIQUE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEFPLY, Marjorie, Mossman [US/US]; 12061 Crestfield Court, Cincinnati, Ohio 45249 (US). CHANG, Debora, W. [US/US]; 7626 Hunt Club Drive, Mason, Ohio 45240 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/42

(11) WO 2004/105712 (13) A1

(21) PCT/EP2004/005716

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/452,199 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHOTOSTABLE ORGANIC SUN-SCREEN COMPOSITION

• COMPOSITION ANTISOLAIRE ORGANIQUE PHOTOSTABLE

(71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAUDHURI, Ratan [US/US]; 15 Sherbrooke Drive, Lincoln Park, NJ 07035 (US).

(74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 7/46, C11D 3/50, C11B 9/00

(11) WO 2004/105713 (13) A1

(21) PCT/IB2004/001605

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) PCT/IB03/02415 2 Jun/juin 2003 IB (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOUNDS FOR A CONTROLLED RELEASE OF ACTIVE MOLECULES

• COMPOSES POUR UNE LIBERATION CONTROLLEE DE MOLECULES ACTIVES

(71) FIRMENICH SA [CH/CH]; 1, route des Jeunes, P.O. Box 239, CH-1211 Genève 8 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FEHR, Charles [CH/CH]; 6, chemin Ravoux, CH-1290 Versoix (CH). GALINDO, José [ES/CH]; 13B, chemin Jacques-Attenville, CH-1218 Grand-Saconnex (CH). STRUILLOU, Arnaud [FR/FR]; 176, allée des Mirabelles, F-74160 Archamps (FR).

(74) SALVATERRA-GARCIA, Maria de Lurdes; FIRMENICH SA, 1, route des Jeunes, P.O. Box 239, CH-1211 Genève 8 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 7/46

(11) WO 2004/105714 (13) A1

(21) PCT/US2003/015288

(22) 16 May/mai 2003 (16.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOSITION AND METHOD FOR THE TREATMENT OF PERSONAL ODORS

• COMPOSITION ET METHODE DE TRAITEMENT DES ODEURS PERSONNELLES

(71, 72) KURK, Mitchell [US/US]; 310 Broadway, Lawrence, NY 11559 (US). VITAL, Odilza [BR/BR]; Av. Ary Parreiras N° 327, 24230-320 Niterói, RJ (BR).

(74) WORGULL, Jason A.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Ave., 19th Fl., Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/48

(11) WO 2004/105715 (13) A1

(21) PCT/CA2004/000707

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 2,430,541 30 May/mai 2003 CA (30.05.2003)

(30) 10/638,879 11 Aug/août 2003 US (11.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COSMETIC WITH FLAX SEED EXTRACT AS CARRIER

• COSMETIQUE COMPORTANT COMME SUPPORT UN EXTRAIT DE GRAINE DE LIN

(71) ISOMERS LABORATORIES INC. [CA/CA]; 105 Tycos Drive, Toronto, Ontario M6B 1W3 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAJLESSI, Dariush [CA/CA]; 105 Tycos Drive, Toronto, Ontario M6B 1W3 (CA). MARCHEGGIANI, Manuela [CA/CA]; 105 Tycos Drive, Toronto, Ontario M6B 1W3 (CA).

(74) CURRIER, T., Andrew et al. / etc.; TORYS LLP, Maritime Life Tower, Suite 3000, P.O.

Box 270, TD Centre, 79 Wellington Street West, Toronto, Ontario M5K 1N2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/48, 7/50

(11) WO 2004/105716 (13) A1

(21) PCT/EP2003/014648

(22) 19 Dec/déc 2003 (19.12.2003)

(25) de (26) de

(30) 103 24 256.2 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LIPIDIC PROTEIN-TRANSFER SYSTEMS AND COSMETIC/DERMATOLOGICAL USE THEREOF

• SYSTEMES DE PROTEINES DE TRANSFERT LIPIDIQUE ET LEUR APPLICATION DERMATOLOGIQUE/COSMETIQUE

(71) MERZ PHARMA GMBH & CO. KGAA [DE/DE]; Eckenheimer Landstrasse 100, 60318 Frankfurt/Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEUTLER, Rolf, D. [DE/DE]; Stockwiesenstrasse 28, 64739 Höchst/Hummetroth (DE). SCHMIDT, Karl-Heinz [DE/DE]; Äussere Weiler Strasse 12, 72810 Gomaringen (DE). NÜRNBERG, Eberhard [DE/DE]; Ruhsteinweg 18, 91080 Uttenreuth/Weiher (DE). SCHRADER, Karl-Heinz [DE/DE]; Max Planck Strasse 6, 37603 Holzminden (DE).

(74) MÜLLER, Claudia; Bürogemeinschaft Schnickel Darr Müller Scheid, Uhlandstrasse 58, 60314 Frankfurt/Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/48

(11) WO 2004/105717 (13) A1

(21) PCT/EP2004/005543

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 25 158.8 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COSMETIC PRODUCT CONTAINING MINERAL WATER FOR REMINERALISING AND REJUVENATING THE SKIN

• PRODUIT COSMÉTIQUE CONTENANT DE L'EAU MINÉRALE POUR LA REMINÉRALISATION ET UN TRAITEMENT ANTIVIÉILLISSEMENT DE LA PEAU

(71) COTY B.V. [NL/NL]; Oudeweg 147, NL-2031 CC Haarlem (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZ-BERNER, Karin [DE/MC]; 34, quai Jean Charles Rey, MC-98000 Monaco (MC). ZASTROW, Leonhard [DE/MC]; 7, avenue des Papalins, MC-98000 Monaco (MC). SICHLING, Dorothée [DE/MC]; 44, rue Grimaldi, MC-98000 Monaco (MC).

(74) WALTER, Wolf-Jürgen et al. / etc.; Gulde Hengelhaupt Ziebig & Schneider, Wallstrasse 57-59, 10179 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 7/48

(11) WO 2004/105718 (13) A1

(21) PCT/EP2004/005800

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 568/MUM/2003 3 Jun/juin 2003 IN (03.06.2003)

(30) 0320740.4 4 Sep/sep 2003 GB (04.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SKIN LIGHTENING COMPOSITION COMPRISING AN EXTRACT OF PLANTS FROM THE FAMILIES OF SYMPLOCOS OR RUBIA

• COMPOSITION D'ECLAIRCISSEMENT DE LA PEAU COMPRENANT UN EXTRAIT DE PLANTES DES FAMILLES SYMPLOCOS OU RUBIA

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA EG GB GD GH GM IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL TT TZ UG VC ZA ZM ZW SZ CY IE)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) MANI, Indu [IN/IN]; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN). NAIR, Nirmala [IN/IN]; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN). PARGAL, Anisha [IN/IN]; Hindustan Lever Ltd, Research Centre, Chakala, Andheri (East), Mumbai 400 099 (IN). SAHA, Subarna [IN/IN]; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN). SURENDRA, Nagalakshmi [IN/IN]; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN). VORA, Shilpa [US/IN]; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN).

(74) FINNIE, Nicholas; Unilever Intellectual Property Group, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 7/48

(11) WO 2004/105719 (13) A2

(21) PCT/FR2004/001282

(22) 22 May/mai 2004 (22.05.2004)

(25) fr (26) fr

(30) 03/06552 23 May/mai 2003 FR (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PRODUCT FOR EPIDERMAL PROTECTION

• PRODUIT DESTINE A LA PROTECTION DE L'EPIDERME

(71) NINAPHARM (S.A.R.L.) [FR/FR]; 1, avenue Berthollet, F-74000 Annecy (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRUNEAUD, Maïté [FR/FR]; 1, avenue Berthollet, F-74000 Annecy (FR).

(74) GASQUET, Denis; Cabinet Gasquet, Les Pléiades, Park Nord Annecy, F-74370 Metz-Tessy (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/48

(11) WO 2004/105720 (13) A1

(21) PCT/RU2003/000249

(22) 30 May/mai 2003 (30.05.2003)

(25) ru (26) ru

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COSMETIC PREPARATION

• PRODUIT COSMETIQUE

(71, 72) KOSTELEV, Nikolai Alexeevich [RU/RU]; ul. Tsiolkovskogo, 6-17, Dolgoprudny, Moskovskaya obl., 141700 (RU).

(74) OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "SOJUZPATENT"; ul. Iliinka, 5-2, Moscow, 103735 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/48

(11) WO 2004/105721 (13) A1

(21) PCT/US2004/016674

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 03253316.8 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STABLE COSMETIC COMPOSITIONS COMPRISING A SELF-TANNING AGENT

• COMPOSITIONS COSMETIQUES STABLES COMPRENANT UN AGENT AUTO-BRONZANT

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEPHENS, Alison, Fiona [GB/GB]; 146 Whyteladies Lane, Cookham Berkshire SL6 9LA (GB). CROOK, Teresa, Barbara [GB/GB]; 65 Bloomsbury Way, Hawley Hill, Camberley Surrey GU17 9LY (GB).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 7/50, 7/48

(11) WO 2004/105722 (13) A1

(21) PCT/IT2003/000339

(22) 30 May/mai 2003 (30.05.2003)

(25) it (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A FORMULATION FOR CHEMICAL PEELING

• FORMULATION SERVANT A REALISER UNE EXFOLIATION CHIMIQUE

(71, 72) DE PAOLI AMBROSIO, Gianfranco [IT/IT]; c/o General Topics S.r.l., Località Santigaro, 32, I-25010 San Felice Del Benaco (IT).

(74) LONG, Giorgio et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 7/50, 7/06, 7/48

(11) WO 2004/105723 (13) A1

(21) PCT/US2004/016395

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,187 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CLEAR PERSONAL CARE COMPOSITIONS CONTAINING A CATIONIC CONDITIONING POLYMER AND AN ANIONIC SURFACTANT SYSTEM

• COMPOSITIONS DE SOINS PERSONNELS TRANSPARENTES CONTENANT UN POLYMERE DE TRAITEMENT CATIONIQUE ET UN SYSTEME TENSIOACTIF ANIONIQUE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEFPLY, Marjorie, Mossman [US/US]; 12061 Crestfield Court, Cincinnati, Ohio 45249 (US). CHANG, Debora, W. [US/US]; 7626 Hunt Club Drive, Mason, Ohio 45240 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 8/33, C07C 45/62, C11B 9/00

(11) WO 2004/105724 (13) A1

(21) PCT/EP2004/050822

(22) 17 May/mai 2004 (17.05.2004)

(25) de (26) de

(30) 103 24 018.7 27 May/mai 2003 DE (27.05.2003)

(30) 103 25 628.8 6 Jun/juin 2003 DE (06.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • 2-METHYL-5-PHENYLPENTANAL USED AS ROSE ODORIFEROUS SUBSTANCE

• 2-METHYLE-5-PHENYLPENTANAL UTILISE COMME SENTEUR DE ROSE

(71) SYMRISE GMBH & CO. KG [DE/DE]; Mühlenfeldstr. 1, 37603 Holzminden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUHN, Walter [DE/DE]; Hebbelstr. 6, 37603 Holzminden (DE). WALTHER, Lutz [DE/DE]; Bergstr. 7, 37603 Holzminden (DE). SURBURG, Horst [DE/DE]; Meierberg 9, 37603 Holzminden (DE).

(74) STILKENBÖHMER, Uwe et al. / etc.; Postfach 10 60 78, 28060 Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 9/00

(11) WO 2004/105725 (13) A2

(21) PCT/EP2004/050962

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) MI2003A001096 30 May/mai 2003 IT (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MICROCAPSULES BY COACERVATION CONTAINING A PHARMACEUTICAL INCORPORATED IN THE COATING POLYMER

• MICROCAPSULES PRODUITS PAR COACERVATION CONTENANT UN AGENT PHARMACEUTIQUE INCORPORÉ DANS LE POLYMERE DE REVETEMENT

(71) EURAND S.P.A. [IT/IT]; Via Martin Luther King, 13, I-20060 Pessano Con Bornago (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZI, Roberto [IT/IT]; Via E. Toti, 28, I-26100 Cremona (IT). BOLTRI, Luigi [IT/IT]; Via Vismara, 127, I-20041 Agrate Brianza (IT). STOLLBERG, Christian [IT/IT]; Piazza Giovanni XXIII, 3, I-20063 Cernusco Sul Naviglio (IT).

(74) GERVAZI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 MILAN (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 9/00, 9/12, A61P 11/00

(11) WO 2004/105726 (13) A1

(21) PCT/EP2004/005683

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03012417.6 30 May/mai 2003 EP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NOVEL LIPID MIXTURES FOR SYNTHETIC SURFACTANTS

• NOUVEAUX MELANGES DE LIPIDES POUR TENSIO-ACTIFS SYNTHÉTIQUES

(71) CHIESI FARMACEUTICI S.p.A. [IT/IT]; Via Palermo, 26/A, I-43100 Parma (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHANSSON, Jan [SE/IT]; Via Palermo, 26/A, I-43100 Parma (IT). CURST-EDT, Tore [SE/IT]; Via Palermo, 26/A, I-43100 Parma (IT). ROBERTSON, Bengt [SE/IT]; Via Palermo, 26/A, I-43100 Parma (IT).

(74) MINOJA, Fabrizio et al. / etc.; Bianchetti Braeco Minoja S.r.l., Via Plinio, 63, I-20129 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 9/00

(11) WO 2004/105727 (13) A2

(21) PCT/GB2004/002249

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) GB0312148.0 28 May/mai 2003 GB (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STABILIZED PHARMACEUTICAL PRODUCT

• PRODUIT PHARMACEUTIQUE STABILISÉ

(71) AVENTIS PHARMA LIMITED [GB/GB]; Aventis House, 50 Kings Hill Avenue, Kings Hill, West Malling, Kent ME19 4AH (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEATON, Nicholas [GB/GB]; 21 Shaftesbury Avenue, Timperley, Cheshire

- WA15 7NP (GB). **HEATON, Zoe** [GB/GB]; 21 Shaftesbury Avenue, Timperley, Cheshire WA15 7NP (GB).
- (74) **JONES, Stephen, Anthony**; Adamson Jones, Broadway Business Centre, 32a Stoney Street, Nottingham NG1 1LL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 9/00
- (11) WO 2004/105729 (13) A2
- (21) PCT/US2003/024998
- (22) 8 Aug/août 2003 (08.08.2003)
- (25) en (26) en
- (30) 60/402,269 8 Aug/août 2002 US (08.08.2002)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRANSDERMAL VACCINE DELIVERY DEVICE HAVING COATED MICROPROTRUSIONS
- DISPOSITIF D'ADMINISTRATION DE VACCIN TRANSDERMIQUE REVETU DE MICRO-PROTUBERANCES
- (71) **ALZA CORPORATION** [US/US]; c/o Johnson & Johnson, One Johnson & Johnson Plaza, WH3221, New Brunswick, NJ 08933 (US).
- (72) **MAA, Yuh-Fun**; 651 Sequoia Ave., Millbrae, CA 94030 (US). **CORMIER, Michel, J.N.**; 278 Andsbury Ave., Mountain View, CA 94043 (US). **MATRIANO, James**; 2384 Lida Dr., Mountain View, CA 94043 (US). **LIN, Weiqi**; 72 Peter Coutts Circle, Palo Alto, CA 94305 (US).
- (74) **BATES, Owen, J. et al.** / etc.; Alza Corporation, c/o Johnson & Johnson, One Johnson & Johnson Plaza, WH3221, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 9/08, A61P 13/12
- (11) WO 2004/105730 (13) A1
- (21) PCT/SE2004/000754
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 0301577-3 28 May/mai 2003 SE (28.05.2003)
- (30) 60/523,722 19 Nov/nov 2003 US (19.11.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LOW SODIUM SOLUTION
- SOLUTION A FAIBLE TENEUR EN SODIUM
- (71) **GAMBRO LUNDIA AB** [SE/SE]; Box 10101, S-220 10 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WIESLANDER, Anders** [SE/SE]; Våpplingvägen 17A, S-227 38 Lund (SE). **CARLSSON, Ola** [SE/SE]; Skyttelinjen 259, S-226 49 Lund (SE). **BERNARD, Pascal** [FR/FR]; 78 chemin du petit bois, F-69130 Ecully (FR). **ULINDER, Per** [SE/SE]; Örtagårdsgatan 41, S-254 50, Helsingborg (SE).
- (74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 9/08, 9/14, 9/72, 31/137, 31/4174, 31/4402, 31/55, 31/56, 31/573, 31/58, 45/06, A61P 11/00, 11/02
- (11) WO 2004/105731 (13) A1
- (21) PCT/US2004/010589
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 10/443,672 21 May/mai 2003 US (21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NASAL FORMULATIONS INCLUDING A TOPICAL DECONGESTANT AND A TOPICAL CORTICOSTEROID AND THEIR USE IN TREATMENT OF OBSTRUCTIVE SLEEP APNEA
- FORMULATIONS NASALES CONTENANT UN DECONGESTIONNANT TOPIQUE ET UN CORTICOSTEROIDE TOPIQUE ET LEUR UTILISATION DANS LE TRAITEMENT DE L'APNEE OBSTRUCTIVE DU SOMMEIL
- (71) **TEDOR PHARMA, INC.** [US/US]; 400 Highland Corporate Drive, Cumberland, RI 02864 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEINRICH, Karl, P.** [US/US]; 413 Spruce Street, Bridgewater, MA 02324 (US). **KAPLAN, Leonard, W.** [US/US]; 559 Boylston Street, Brookline, MA 02445 (US).
- (74) **EBERLE, Shelley, P. et al.** / etc.; Reed Intellectual Property Law Group, 800 Menlo Avenue, Suite 210, Menlo Park, CA 94025 (US).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
- (51)⁷ A61K 9/00
- (11) WO 2004/105728 (13) A2
- (21) PCT/IB2004/001756
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 730/DEL/2003 27 May/mai 2003 IN (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SOLID DISPERSIONS OF CEFPODOXIME PROXETIL AND PROCESSES FOR THEIR PREPARATION
- DISPERSIONS SOLIDES DE CEFPODOXIME-PROXETIL ET LEURS PROCÉDES DE PRÉPARATION
- (71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110 019 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **POPLI, Harvinder** [IN/IN]; 11/1, Nehru Enclave (East), New Delhi, Delhi 110 019 (IN). **VERMA, Sudhir** [IN/IN]; A/G-146, Shalimar Bagh, Delhi 110 033 (IN). **GUPTA, Sandhya** [IN/IN]; c/o Dr. P.S. Goyal, C-517, Saraswati Vihar, Delhi 110 034 (IN). **BHADURIA, Pradeep** [IN/IN]; House No. D-2233, Indore Sudamanagar, Madhya Pradesh 452 009 (IN).
- (74) **RANBAXY LABORATORIES LIMITED**; c/o DESHMUKH, Jay, R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/127, 31/28

(11) WO 2004/105732 (13) A1

(21) PCT/US2003/015769

(22) 20 May/mai 2003 (20.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMBINATION CHEMOTHERAPY COMPRISING GEMCITABINE AND A LIPOSOMAL PLATINUM COMPLEX
• CHIMIOThERAPIE COMBINÉE CONTENANT GEMCITABINE ET UN COMPLEXE LIPOSOMIQUE A BASE DE PLATINE

(71) ARONEX PHARMACEUTICALS, INC. [US/US]; 3 Forbes Road, Lexington, MA 02421 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEWIS, Jonathan [US/US]; 300 East 56th Street, New York, NY 10022 (US). HOSS, Axel [DE/US]; 322 West 57th Street, New York, NY 10022 (US). GALE, Robert, Peter [CN/US]; 11693 San Vicente Blvd., Los Angeles, CA 90049 (US).

(74) ANTLER, Adriane, M. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 9/20

(11) WO 2004/105733 (13) A1

(21) PCT/US2004/017187

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/447,992 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND COMPOSITION FOR STABLE AND CONTROLLED DELIVERY OF (-)-HYDROXYCITRIC ACID

• PROCEDE ET COMPOSITION D'ADMINISTRATION STABLE ET CONTROLÉE D'ACIDE (-)-HYDROXYCITRIQUE

(71) GLYKON TECHNOLOGIES GROUP, LLC [US/US]; 4560 South Decatur Blvd, Suite 202, Las Vegas, Nevada 89103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLOUATRE, Dallas, L. [US/US]; 1247 Lincoln Blvd, #112, Santa Monica, CA 90401 (US). DUNN, James, M. [US/US]; 3236 Hinsdale Place, Littleton, CO 80112 (US).

(74) MORENCY, Michel; Greenberg Traurig LLP, One International Place, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 9/50

(11) WO 2004/105734 (13) A1

(21) PCT/CA2004/000803

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,477 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF PREPARING MICRO-CAPSULES

• PROCEDE DE PREPARATION DE MICROCAPSULES

(71) VALORISATION RECHERCHE, SOCIETE EN COMMANDITE [CA/CA]; 3744 rue Jean-Brilliant, Bureau 6320, Montréal, Québec H3T 1P1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILDGEN, Patrice [CA/CA]; 779 Montée Gravel, Montréal, Québec H7X 2A9 (CA). RABANEL, Jean-Michel [CA/CA]; 65, rue Sherbrooke est, app. 510, Montréal, Québec H2X 1C4 (CA). MERCIER, Philippe [FR/FR]; 42 Grande rue des Stuarts, F-35120 Dol De Bretagne (FR).

(74) ROBIC; Leger Robic Richard, CDP Capital Center, 1001, Victoria Square, Bloc E - 8th Floor, Montreal, Quebec H2Z 2B7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 9/62, 1/137

(11) WO 2004/105735 (13) A1

(21) PCT/IB2004/001789

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 764/DEL/2003 30 May/mai 2003 IN (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTROLLED RELEASE PHARMACEUTICAL COMPOSITIONS OF TOLTERODINE AND PROCESSES FOR THEIR PREPARATION

• COMPOSITIONS PHARMACEUTIQUES DE TOLTERODINE A LIBERATION CONTROLÉE ET LEURS PROCÉDES DE PREPARATION

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110 019 (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUMAR, Pratik [IN/IN]; c/o Dr. Neelam Singh, HOD of Chemistry, Shivpuri, Damuchowk, Muzaffarpur, Bihar 842 001 (IN). JAIN, Girish Kumar [IN/IN]; 4, Sharda Niketan, Teachers' Colony, Pitampura, Delhi 110 034 (IN). RAMPAL, Ashok [IN/IN]; 14 Sewa Nagar, Ram Tirath Road, Amritsar, Punjab 143 001 (IN).

(74) RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jay R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ A61K 19/08, 19/02, 8/34, A23L 1/272
(11) WO 2004/105736 (13) A1
(21) PCT/EP2004/050896
(22) 24 May/mai 2004 (24.05.2004)
(25) de (26) de
(30) 103 24 566.9 30 May/mai 2003 DE (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • USE OF DIPHENYLMETHANE DERIVATIVES AS TYROSINASE INHIBITORS
• UTILISATION DE DERIVES DE DI-PHENYLMETHANE COMME INHIBITEURS DE LA TYROSINASE
(71) SYMRISE GMBH & CO. KG [DE/DE]; Mühlenfeldstr. 1, 37603 Holzminden (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHMAUS, Gerhard [DE/DE]; Herrenburgstr. 29, 37671 Hörter-Bosseborn (DE). HERRMANN, Martina [DE/DE]; Eichendorffallee 14, 37574 Einbeck (DE). JOPPE, Holger [DE/DE]; Hauptstr. 16, 37586 Dassel (DE). VIELHABER, Gabriele [DE/DE]; Pollmanns Grund 22, 37603 Holzminden (DE).
(74) STILKENBÖHMER, Uwe et al. / etc.; Eisenführ, Speiser & Partner, Postfach 10 60 78, 28060 Bremen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
- (51)⁷ A61K 31/00, 31/734, 31/65, 31/573, 31/196, 31/18, 31/192, 31/366, 31/722, 31/718, 31/717, 31/519, 31/337, 31/436, 31/42, 31/352, 38/00, 31/401, 38/55, 45/06, A61P 43/00, 17/02, 17/06, 19/02, 1/00
(11) WO 2004/105737 (13) A2
(21) PCT/CA2004/000800
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/474,907 30 May/mai 2003 US (30.05.2003)
(30) 60/477,654 10 Jun/juin 2003 US (10.06.2003)
(30) 60/505,258 22 Sep/sep 2003 US (22.09.2003)
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(30) 60/520,804 17 Nov/nov 2003 US (17.11.2003)
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- (30) 60/520,808 17 Nov/nov 2003 US (17.11.2003)
(30) 60/529,136 11 Dec/déc 2003 US (11.12.2003)
(30) 60/533,669 31 Dec/déc 2003 US (31.12.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS RELATING TO INHIBITING FIBROUS ADHESIONS USING VARIOUS AGENTS
• COMPOSITIONS PHARMACEUTIQUES ET PROCEDES POUR INHIBER LES ADHERENCES FIBREUSES AU MOYEN DE DIFFERENTS AGENTS
(71) ARC PHARMACEUTICALS, INC. [CA/CA]; 102 - 2386 East Mall, Vancouver, British Columbia V6T 1Z3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CASHMAN, Johanne [CA/CA]; 6070 Blenheim Street, Vancouver, British Columbia V6N 1R1 (CA). SPRINGATE, Christopher [CA/CA]; 556 East 12th Avenue, Vancouver, British Columbia V5T 2H5 (CA). HAY, Bruce [CA/CA]; 4290 Kevin Place, Vancouver, British Columbia V6S 2K8 (CA). WINTERNITZ, Charles [CA/CA]; 4576 61st Street, Delta, British Columbia V4K 3L2 (CA).
(74) LEE, Brian; c/o Gowling Lafleur Henderson LLP, P.O. Box 49122, 2300 - 1055 Dunsmuir Street, Vancouver, British Columbia V7X 1J1 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/00
(11) WO 2004/105738 (13) A2
(21) PCT/EP2004/005064
(22) 12 May/mai 2004 (12.05.2004)
(25) en (26) en
(30) PCT/EP03/05662 30 May/mai 2003 EP (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • USE OF TETRAHYDROPYRIDINE DERIVATIVES
• UTILISATION DE DERIVES DE TETRAHYDROPYRIDINE
(71) ACTELION PHARMACEUTICALS LTD [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUR, Daniel [CH/CH]; Im Rosengarten 24, CH-4106 (CH). FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). REMEN, Lubos [SK/CH]; Kurzelängeweg 28, CH-4123 Allschwil (CH). RICHARD-BILDSTEIN, Sylvia [FR/FR]; 12, rue des Beaux Prés, F-68440 Dietwiller (FR). WELLER, Thomas [CH/CH]; Hoelzlistrasse 32b, CH-4102 Binningen (CH). BOSS, Christoph [CH/CH]; Muesmattweg 98, CH-4123 Allschwil (CH). BINKERT, Christoph [CH/CH]; In den Ziegelhoefen 89, CH-4054 Basel (CH). MEYER, Solange [FR/FR]; 10a, Rue Du Ruisseau, F-68440 Schlierbach (FR).
(74) HOFMANN, Dieter; Therwilerstrasse 87, CH-4153 Reinach (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/045, 31/11, A61P 19/10, 43/00, A23L 1/30
(11) WO 2004/105739 (13) A1
(21) PCT/JP2003/010347
(22) 14 Aug/août 2003 (14.08.2003)
(25) ja (26) ja
(30) 2003-151066 28 May/mai 2003 JP (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • COMPOSITIONS AND FOODS AND DRINKS CONTAINING HIGHER FATTY ACID DERIVATIVE
• COMPOSITIONS, ALIMENTS ET BOISSONS CONTENANT UN DERIVE D'ACIDE GRAS SUPERIEUR
(71) EISAI CO., LTD. [JP/JP]; 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 112-8088 (JP). MITSUBISHI PAPER MILLS LIMITED [JP/JP]; 4-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CHINEN, Isao [JP/JP]; 3-20, Syurigibochi, Naha-shi, Okinawa 903-0821 (JP).
(74) HIROTA, Koichi et al. / etc.; HIROTA, NAGARE & ASSOCIATES, Shin-Yoyogi Bldg. 206, 19-12, Yoyogi 1-chome, Shibuya-ku, Tokyo 151-0053 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/05, 31/192, 31/352, 35/78, 9/127

(11) WO 2004/105740 (13) A1

(21) PCT/EP2004/004898

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 03 012 122.2 30 May/mai 2003 EP (30.05.2003)

(30) 04 075 320.4 3 Feb/fév 2004 EP (03.02.2004)

(30) 04 075 545.6 19 Feb/fév 2004 EP (19.02.2004)

(30) 04 075 630.6 27 Feb/fév 2004 EP (27.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • POLYHYDROXY PHENOLS AND THEIR USE IN BINDING P-SELECTIN
• POLYHYDROXY PHENOLS ET LEUR UTILISATION POUR LIER LA P-SELECTINE

(71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIESSEN, Erik, Anna, Leonardus [NL/NL]; LACDR Leiden University, Gorlaeus Laboratories, P.O. Box 9502, NL-2300 RA Leiden (NL). APPELDOORN, Chantal, Catharina, Maria [NL/NL]; LACDR Leiden University, Gorlaeus Laboratories, P.O. Box 9502, NL-2300 RA Leiden (NL). BONNEFOY, Arnaud [FR/BE]; Center for Molecular and Vascular Biology, Herestraat 49, B-3000 Leuven (BE). VAN BERKEL, Theodorus, Josephus, Carnelis [NL/NL]; LACDR Leiden University, Gorlaeus Laboratories, P.O. Box 9502, NL-2300 RA Leiden (NL). KUIPER, Johan [NL/NL]; LACDR Leiden University, Gorlaeus Laboratories, P.O. Box 9502, NL-2300 RA Leiden (NL). HOYLAERTS, Marc, Florimond [BE/BE]; Center for Molecular and Vascular Biology, Herestraat 49, B-3000 Leuven (BE).

(74) HOFFMANN . EITL; Arabellastrasse 4, 81925 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/10, 7/42, 31/203, 31/19, 31/215, 31/191, 31/22, 31/194, 31/192, 31/327, 31/216, A61P 17/00

(11) WO 2004/105741 (13) A1

(21) PCT/IT2003/000340

(22) 30 May/mai 2003 (30.05.2003)

(25) it (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COSMETIC AND/OR PHARMACEUTICAL COMPOSITIONS COMPRISING DIMETHYLSULPHONE FOR THE CURE AND PREVENTION OF IRRITATION, INFLAMMATION AND CUTANEOUS ERYTHEMA

• COMPOSITIONS COSMETIQUES ET/OU PHARMACEUTIQUES A BASE DE SULPHONE DE DIMETHYLE DESTINEES AU TRAITEMENT ET A LA PREVENTION D'IRRITATIONS, D'INFLAMMATIONS ET D'ERYTHEMES CUTANES

(71, 72) DE PAOLI AMBROSI, Gianfranco [IT/IT]; c/o General Topics S.r.l., Località Santigaro, 32, I-25010 San Felice Del Benaco (IT).

(74) LONG, Giorgio et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20122 Milano (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/12, 31/455, 31/19, 31/216, A61P 21/00, A61K 31/70

(11) WO 2004/105742 (13) A1

(21) PCT/GB2004/002286

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 03 12603.4 2 Jun/juin 2003 GB (02.06.2003)

(30) 03 13760.1 13 Jun/juin 2003 GB (13.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TREATMENT OF MUSCLE FATIGUE
• TRAITEMENT DE FATIGUE MUSCULAIRE

(71) ISIS INNOVATION LIMITED [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OC2 7BZ (GB).

(72, 75) CLARKE, Kieran [AU/GB]; Isis Innovation Limited, Ewert House, Ewert

Place, Summertown, Oxford OC2 7BZ (GB). SCHEUERMANN-FREESTONE, Michaela [DE/GB]; Isis Innovation Limited, Ewert House, Ewert Place, Summertown, Oxford OC2 7BZ (GB). MURRAY, Andrew, James [GB/GB]; Isis Innovation Limited, Ewert House, Ewert Place, Summertown, Oxford OC2 7BZ (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/13, 9/20, C07C 217/12, A61P 25/22

(11) WO 2004/105743 (13) A1

(21) PCT/HU2004/000058

(22) 3 Jun/juin 2004 (03.06.2004)

(25) en (26) en

(30) P0301537 3 Jun/juin 2003 HU (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DERAMCICLANE-FUMARATE TABLETS

• COMPRIMES DE DERAMCICLANE-FUMARATE

(71) EGIS GYÓGSZERGYÁRT. [HU/HU]; Keresztúri út 30-38, H-1106 Budapest (HU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FEKETE, Pál [HU/HU]; Csernyus u. 15, H-1147 Budapest (HU). MAROSHE-LYI, Lászlóné [HU/HU]; Linda tér, 5, H-1165 Budapest (HU). ZSIGMOND, Zsolt [HU/HU]; Borsó u. 8, H-1173 Budapest (HU). GÓRA, Lászlóné [HU/HU]; Nagy S. u. 42, H-2117 Isaszeg (HU). LEVENTISZNE HUSZÁR, Magdolna [HU/HU]; Virányos út 24/A, H-1125 Budapest (HU). JÁMBOR, Istvánné [HU/HU]; Somlókert u. 47/a, H-1182 Budapest (HU). TARI, József [HU/HU]; Tóalmás u. 27, H-1172 Budapest (HU).

(74) ADVOPATENT; P.O. Box 11, H-1251 Hungary (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/137, 31/138, 31/165, 31/198, 31/295, 33/26, 31/4458, 45/06, A61P 25/00

(11) WO 2004/105744 (13) A1

(21) PCT/FR2004/001351

(22) 1 Jun/juin 2004 (01.06.2004)

(25) fr (26) fr

(30) 03/06581 30 May/mai 2003 FR (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • USE OF IRON FOR TREATING ATTENTION DEFICIT HYPERACTIVITY DISORDER IN CHILDREN

• UTILISATION DU FER POUR LE TRAITEMENT DU TROUBLE DU DEFICIT DE L'ATTENTION/HYPER-ACTIVITE CHEZ LES ENFANTS

(71) ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS [FR/FR]; 3, avenue Victoria, F-75004 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONOFAL, Eric [FR/FR]; 53bis, avenue de la Motte-Piquet, F-750015 Paris (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 31/155, 9/08, 47/12, 47/10, 47/34, A61L 2/18, A01N 25/02, 37/02, 47/44, A61P 17/00, 31/00

(11) WO 2004/105745 (13) A1

(21) PCT/JP2004/007434

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-150846 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AQUEOUS OLANEXIDINE SOLUTION, METHOD OF PREPARING THE SAME, AND DISINFECTANT

• SOLUTION AQUEUSE CONTENANT DE L'OLANEXIDINE, SON PROCÉDE

DE PREPARATION, ET DESINFECTANT

(71) OTSUKA PHARMACEUTICAL CO., LTD. [JP/JP]; 9, Kandatsukasa-cho 2-chome, Chiyoda-ku, Tokyo 1018535 (JP). OTSUKA PHARMACEUTICAL FACTORY, INC. [JP/JP]; 115, Aza Kuguhara Tateiwa, Muya-cho, Naruto-shi, Tokushima 7728601 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYATA, Kazuyoshi [JP/JP]; 16-31, Aza Yamaminami Sasagino, Matsushige-cho, Itano-gun, Tokushima 7710219 (JP). INOUE, Yasuhide [JP/JP]; 11-54, Aza Hama, Bezaiten Muya-cho, Naruto-shi, Tokushima 7720014 (JP). HAGI, Akifumi [JP/JP]; 10-1-103, Minamikuramoto-cho 2-chome, Tokushima-shi, Tokushima 7700043 (JP). KIKUCHI, Motoya [JP/JP]; Nyuhaitsu Inahara 103 32, Nakashimada-cho, 3-chome, Tokushima-shi, Tokushima 7700052 (JP). OHNO, Hitoshi [JP/JP]; 438, Aza Minami, Takashima Naruto-cho, Naruto-shi, Tokushima 7720051 (JP). HASHIMOTO, Kinji [JP/JP]; 83, Aza Miyano Higashi Kitahama, Muya-cho, Naruto-shi, Tokushima 7720015 (JP). OHGURO, Kinue [JP/JP]; Guran Kawauchi Tower 1304 422-1, Okinoshima, Kawauchi-cho, Tokushima-shi, Tokushima 7710142 (JP). SATO, Tetsuya [JP/JP]; 8-3, Aza Sanomiya Ejiri, Kitajima-cho, Itano-gun, Tokushima 7710205 (JP). TSUBOUCHI, Hidetsugu [JP/JP]; 2-35, Joto-cho 1-chome, Tokushima-shi, Tokushima 7700862 (JP). ISHIKAWA, Hiroshi [JP/JP]; 18-14, Seifu-cho, Otsu-shi, Shiga 5200225 (JP). OKAMURA, Takashi [JP/JP]; Editaun Goma-hama D-10 188, Aza Goma, Tateiwa, Muya-cho, Naruto-shi, Tokushima 7720017 (JP). IWATA, Kouichi [JP/JP]; Sanraunjihaitsu 205 140, Aza Miyanonishi, Kitahama, Muya-cho, Naruto-shi, Tokushima 7720015 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/16, A61P 25/18

(11) WO 2004/105746 (13) A1

(21) PCT/IL2004/000455

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 156203 29 May/mai 2003 IL (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • USE OF 2,2,3,3, TETRAMETHYLCYCLOPROPANE CARBOXYLIC ACID DERIVATIVES FOR TREATING PSYCHIATRIC DISORDERS

• UTILISATION DE DERIVES D'ACIDE CARBOXYLIQUE 2, 2,3,3 TETRAMETHYLCYCLOPROPANE POUR LE TRAITEMENT DE TROUBLES PSYCHIATRIQUES

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech Park, Edmond Safra Campus, Givat Ram, 91390 Jerusalem (IL). BEN GURION UNIVERSITY OF THE NEGEV RESEARCH AND DEVELOPMENT AUTHORITY [IL/IL]; Research and Development Authority, P.O.Box 653, 84105 Beer Sheva (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIALER, Meir [IL/IL]; 36 Hehalutz Street, 96222 Jerusalem (IL). YAGEN, Boris [IL/IL]; 318 Neve Shaanan Street, 93707 Jerusalem (IL). BELMAKER, Haim [IL/IL]; 1 Livna Street, 84965 Omer (IL). AGAM, Galila [IL/IL]; 3 Atad Street, 84965 Omer (IL). SHALTIEL, Galit [IL/IL]; 49 Ha'Shita Street, 84965 Omer (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/19, 31/28, 31/555, 33/24

(11) WO 2004/105747 (13) A1

(21) PCT/US2003/015770

(22) 20 May/mai 2003 (20.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMBINATION CHEMOTHERAPY COMPRISING CAPECITABINE AND A LIPOSOMAL PLATINUM COMPLEX

• CHIMIOThERAPIE COMBINÉE COMPRENANT CAPECITABINE ET UN COMPLEXE A BASE DE PLATINE LIPOSOMIQUE

(71) ARONEX PHARMACEUTICALS, INC [US/US]; 3 Forbes Road, Lexington, MA 02421 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEWIS, Jonathan [US/US]; 300 East 56th Street, New York, NY 10022 (US). HOOS, Axel [DE/US]; 322 West 57 th Street, New York, NY 10022 (US). GALE, Robert, Peter [CN/US]; 11693 San Vicente Blvd., Los Angeles, CA 90049 (US).

- (74) ANTLER, Adriane, M. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/198, A61P 3/00, A23L 1/305
- (11) WO 2004/105748 (13) A1
- (21) PCT/JP2004/007850
- (22) 31 May/mai 2004 (31.05.2004)
- (25) ja (26) ja
- (30) 2003-155397 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AMINO ACID COMPOSITION AND FLUID REPLACEMENT
- COMPOSITION D'ACIDE AMINE ET REMPLACEMENT DE FLUIDE
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 3510198 (JP). MEIJI DAIRIES CORPORATION [JP/JP]; 2-10, Shinsuna 1-chome, Koto-ku, Tokyo 1368908 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ABE, Takeshi [JP/JP]; 1-16-15, Minami-cho, Warabi-shi, Saitama 3350003 (JP).
- (72, 75) SAWAI, Yasuko [JP/JP]; c/o MEIJI DAIRIES COPORATION, 2-10, Shinsuna 1-chome, Koto-ku, Tokyo 1368908 (JP).
- (74) KUMAKURA, Yoshio et al. / etc.; NAKA-MURA & PARTNERS, Shin-Tokyo Bldg., 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 1008355 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/40, C07D 493/04, A61P 25/02, 9/02
- (11) WO 2004/105749 (13) A1
- (21) PCT/JP2004/007641
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-149361 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOSITION HAVING AUTONOMIC NERVE MODULATING ACTIVITY AND METHOD OF USE THEREOF
- COMPOSITION PRESENTANT UNE ACTIVITE DE MODULATION DU NERF DU SYSTEME AUTONOME ET PROCEDE D'UTILISATION ASSOCIE
- (71) SUNTORY LIMITED [JP/JP]; 1-40, Dojima-hama 2-chome, Kita-ku, Osaka-shi, Osaka, 5308203 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORITANI, Toshio [JP/JP]; 834, Godosyukusya, Taichoro, Momoyamacho, Fushimi-ku, Kyoto-shi, Kyoto, 6128034 (JP). KISO, Yoshinobu [JP/JP]; 8-41, Shinchu-jocho, Ibaraki-shi, Osaka, 5670872 (JP). ONO, Yoshiko [JP/JP]; 1-13-18-802, Sugahara, Higashiyodogawa-ku, Osaka-shi, Osaka, 5330022 (JP).
- (74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku Tokyo 105-8423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/40, C07D 207/09, A61P 9/00, 25/00
- (11) WO 2004/105750 (13) A1
- (21) PCT/CA2004/000797
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 60/474,864 30 May/mai 2003 US (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • 3-AMINOMETHYL-PYRROLIDINES AS N-TYPE CALCIUM CHANNEL BLOCKERS
- 3-AMINOMETHYLE-PYRROLIDINES COMME INHIBITEURS DE CANAUX CALCIIQUES DE TYPE N
- (71) NEUROMED TECHNOLOGIES, INC. [CA/CA]; Suite 301, 2389 Health Sciences Mall, Vancouver, British Columbia V6T 1Z4 (CA). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SNUTCH, Terrance, P. [CA/CA]; 3963 West 24th Avenue, Vancouver, British Columbia V6S 1M1 (CA).
- (74) ROBINSON, J., Christopher et al. / etc.; Fetherstonhaugh & Co., Box 11560 Vancouver Centre, Suite 2200, 650 West Georgia Street, Vancouver, British Columbia V6B 4N8 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/40
- (11) WO 2004/105751 (13) A1
- (21) PCT/US2004/016720
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 60/473,728 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRAITEMENT OF CARDIOVASCULAR PATHOLOGY
- TRAITEMENT DE PATHOLOGIE CARDIOVASCULAIRE
- (71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARONE, Frank, C. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). COATNEY, Robert, W. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). LEGOS, Jeffrey, J. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).
- (74) LOCKENOUR, Andrea, V. et al. / etc.; GlaxoSmithKline, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations : (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(i) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61K 31/4025, C07D 417/12, 417/14,
A61P 3/06, C07D 401/04, 405/14, 405/04,
409/04, 409/14, 403/12, A61P 9/10

(11) WO 2004/105752 (13) A1

(21) PCT/IB2004/001754

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/448,770 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SUBSTITUTED PYRROLE DERIVA-
TIVES AS HMG-COA REDUCTASE
INHIBITORS

• DERIVES DE PYRROLE SUBSTITUES
UTILIS COMME INHIBITEURS DE
HMG-COA REDUCTASE

(63) US 10/448,770 (CIP)
30 May/mai 2003 (30.05.2003)

(71) RANBAXY LABORATORIES LIMITED
[IN/IN]; 19, Nehru Place, New Delhi, Delhi
110 019 (IN).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SATTIGERI, Jitendra [IN/IN]; N-323,
Vijay Rattan Vihar, Sector-15-II, Gurgaon,
Haryana 122001 (IN). SALMAN, Mo-
hammad [IN/US]; 13 Hampshire Drive,
Plainsboro, NJ 08536 (US). KUMAR, Ya-
tendra [IN/IN]; U-26/5, Phase - III, DLF
Qutab Enclave, Gurgaon, Haryana 122001
(IN).

(74) RANBAXY LABORATORIES LIM-
ITED; c/o DESHMUKH, Jay R., 600 Col-
lege Road East, Suite 2100, Princeton, New
Jersey 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61K 31/404, 31/7056, A61P 25/24, A23L
1/30 // C07D 405/04, C07H 7/06

(11) WO 2004/105753 (13) A1

(21) PCT/JP2004/007768

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-153132 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANTIDEPRESSANT OR FOOD OR
BEVERAGE FOR ANTIDEPRESSION

• ANTIDEPRESSEUR OU PRODUIT ALI-
MENTAIRE OU BOISSON CONTRE LA
DEPRESSION

(71) KYOWA MEDEX CO., LTD. [JP/JP];
8-10, Harumi 1-chome, Chuo-ku, Tokyo
104-6004 (JP). KYOWA HAKKO KOGYO
CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome,
Chiyoda-ku, Tokyo 1008185 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOHNO, Hiroaki/KUSAKA, Hideaki

(74) IWAHASHI, Kazuyuki; KYOWA HAKKO
KOGYO CO., LTD., Intellectual Property
Department, 6-1, Ohtemachi 1-chome, Chiy-
oda-ku, Tokyo 1008185 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61K 31/405, 31/40, C07D 209/26,
207/34, A61P 3/06

(11) WO 2004/105754 (13) A1

(21) PCT/EP2004/050897

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 03101530.8 27 May/mai 2003 EP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NITROOXYDERIVATIVES OF FLU-
VASTATIN, PRAVASTATIN, CERIVAS-
TATIN, ATORVASTATIN AND ROSU-
VASTATIN AS CHOLESTEROL-RE-
DUCING AGENTS WITH IM-
PROVED ANTI-INFLAMMATORY,
ANTITHROMBOTIC AND AN-
TIPLATELET ACTIVITY

• DERIVES NITRO-OXY DE FLU-
VASTATINE, DE CERIVASTATINE,
D'ATORVASTATINE ET DE ROSU-
VASTATINE UTILISES COMME AGENTS

REDUCTEURS DE CHOLESTEROL
AVEC ACTIVITE ANTI-INFLAMMA-
TOIRE, ANTI-THROMBOTIQUE ET
ANTIPLAQUETTAIRE AMELIOREE

(71) NICOX S.A. [FR/FR]; 2455 Route des Do-
lines, Espace Gaia II - Batiment I, F-06906
Sophia Antipolis (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BENEDINI, Francesca [IT/IT]; Via
Padova 286, I-20132 Milano (IT). ONGINI,
Ennio [IT/IT]; Via Fratelli Cervi, Resi-
denza Sorgente, I-20090 Segrate (IT). DEL
SOLDATO, Piero [IT/IT]; Via E. Toti 22,
I-20052 Monza (IT).

(74) BARCHIELLI, Giovanna; Nicox Research
Institute Srl, Via L. Ariosto 21, I-20091
Bresso (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61K 31/428, C07D 277/82, A61P 25/00

(11) WO 2004/105755 (13) A1

(21) PCT/EP2004/005474

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 03012118.0 30 May/mai 2003 EP
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BENZOTHIAZOLE DERIVATIVES
AND USE THEREOF IN THE TREAT-
MENT OF DISEASES RELATED TO
THE ADENOSINE A2A RECEPTOR

• DERIVES DE BENZOTHIAZOLE ET
UTILISATION DE CEUX-CI DANS
LE TRAITEMENT DES MALADIES
ASSOCIES AU RECEPTEUR A2A DE
L'ADENOSINE

(71) F. HOFFMANN-LA ROCHE AG
[CH/CH]; Grenzacherstrasse 124, CH-4070
Basel (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FLOHR, Alexander [DE/CH]; St.
Galler-Ring 142, CH-4054 Basel (CH).
JAKOB-ROETNE, Roland [DE/DE];
Oberer Baselblick 37, 79594 Inzlingen (DE).
NORCROSS, Roger, David [GB/CH];
Alte Saline 20, CH-4310 Rheinfelden (CH).
RIEMER, Claus [US/US]; Optizstrasse 5,
79110 Freiburg (DE).

(74) POPPE, Regina; Grenzacherstrasse 124,
CH-4070 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61K 31/428, 31/335, A61P 25/16, 25/28
(11) WO 2004/105756 (13) A2
(21) PCT/EP2004/005792
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/474,292 29 May/mai 2003 US
(29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMBINATION COMPRISING A NEU-
ROPROTECTING AGENT AND AN
AGENT BINDING TO GADPH AND
PHARMACEUTICAL USE THEREOF
• COMBINAISON CONTENANT UN
AGENT NEUROPROTECTEUR ET UN
AGENT SE FIXANT A LA GADPH, ET
UTILISATION PHARMACEUTIQUE
ASSOCIEE
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).
*(for all designated States except / pour tous
les États désignés sauf AT US)*
- (71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) CARRAZANA, Enrique [US/US]; 40
Dixon Drive, Florham Park, NJ 07932 (US).
COOK, Nigel, Scott [GB/CH]; Rüteliweg
10, CH-4207 Bretzwil (CH). NAULI, Bet-
tina [CH/CH]; Zum Drachen Marktgasse 26,
CH-4310 Rheinfelden (CH).
- (74) GRUBB, Philip; Novartis AG, Corporate In-
tellectual Property, CH-4002 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61K 31/4439, A61P 43/00
(11) WO 2004/105758 (13) A1
(21) PCT/GB2004/002238
(22) 26 May/mai 2004 (26.05.2004)
(25) en (26) en
(30) 0312425.2 30 May/mai 2003 GB
(30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • USE OF TRIPOLIDINE IN PROVIDING
REFRESHEDNESS ON WAKING
• UTILISATION D'UN COMPOSE POUR
PROCURER UNE SENSATION DE
VAILLANCE AU REVEIL
- (71) THE BOOTS COMPANY PLC [GB/GB];
1 Thane Road West, Nottingham NG2 3AA
(GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SUNDERRAJ, Palaniswamy [IN/CH];
Bachstrasse 11, CH-8162 Steinmur (CH).
SHEPHERD, Adrian [GB/GB]; 44 Leices-
ter Street, Long Eaton, Nottingham NG10 1FJ
(GB). JONES, Huw [GB/GB]; 34 Archer
Crescent, Wollaton, Nottingham NG8 1HB
(GB).
- (74) WALSH, David, P. et al. / etc.; Appleyard
Lees, 15 Clare Road, Halifax HX1 2HY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
- GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Published / Publiée : (c)
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- (51)⁷ A61K 31/46, 31/63, A61P 37/08
(11) WO 2004/105759 (13) A2
(21) PCT/EP2004/005219
(22) 14 May/mai 2004 (14.05.2004)
(25) de (26) de
(30) 103 23 966.9 27 May/mai 2003 DE
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NOVEL LONG-ACTING MEDICA-
MENT COMBINATIONS FOR THE
TREATMENT OF RESPIRATORY
TRACT DISEASES
• NOUVELLES COMBINAISONS ME-
DICAMENTEUSES A ACTION PRO-
LONGEE UTILISEES POUR TRAITER
DES MALADIES DES VOIES RESPI-
RATOIRES
- (71) BOEHRINGER INGELHEIM INTER-
NATIONAL GMBH [DE/DE]; Binger
Strasse 173, 55216 INGELHEIM (DE).
*(only for / seulement pour AE AG AL AM AT
AU AZ BA BB BE BG BR BW BY BZ CA CH
CN CO CR CU CY CZ DK DM DZ EC EE EG
ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NA NI
NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SY SZ TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW)*
- (71) BOEHRINGER INGELHEIM PHARMA
GMBH & CO. KG [DE/DE]; Binger Strasse
173, 55216 INGELHEIM (DE).
(only for / seulement pour DE)
- (72, 75) KONETZKI, Ingo [DE/DE]; Müller-
weg 9, 88447 WARTHAUSEN (DE).
- (74) BOEHRINGER INGELHEIM PHARMA
GMBH & CO. KG; Binger Strasse 173,
55216 INGELHEIM (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ A61K 31/4409, 31/4725, 31/5513, A61P
9/10
(11) WO 2004/105757 (13) A2
(21) PCT/US2004/016918
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/474,141 29 May/mai 2003 US
(29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

(51)⁷ A61K 31/495, A61P 11/00, 1/04, 37/00, 37/08

(11) WO 2004/105760 (13) A1

(21) PCT/EP2004/005572

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 03011984.6 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • USE OF EFLETIRIZINE FOR TREATING PERSISTENT ALLERGIC RHINITIS

• UTILISATION D'EFLETIRIZINE POUR TRAITER UNE RHINITE ALLERGIQUE PERSISTANTE

(71) UCB, S.A. [BE/BE]; Allée de la Recherche 60, B-1070 Brussels (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REVIRON, Christophe [FR/CH]; Rossistrasse 25, CH-1735 Giffers (CH).

(74) LECHIEN, Monique; UCB, S.A., Allée de la Recherche 60, B-1070 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/495, 31/282, A61P 35/00

(11) WO 2004/105761 (13) A1

(21) PCT/GB2004/002319

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 0312407.0 29 May/mai 2003 GB (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMBINED USE OF ECTEINASCIDIN-743 AND PLATINUM ANTINEOPLASTIC COMPOUNDS

• UTILISATION COMBINÉE D'ECTEINASCIDINE-743 ET DE COMPOSÉS PLATINE ANTINEOPLASTIQUES

(71) PHARMA MAR, S.A.U. [ES/ES]; Polígono Industrial La Mina, Avda. de los Reyes, 1, Colmenar Viejo, E-28770 Madrid (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) D'INCALCI, Maurizio [IT/IT]; Sando, Via Visconti di Modrone 12, I-20122 Milan (IT). GIANNI, Luca [IT/IT]; Istituto Nazionale dei Tumori, Milan (IT). GI-AVAZZI, Raffaella [IT/IT]; Sando, Via

Visconti di Modrone 12, I-20122 Milan (IT). GARCIA MARTIN, Margarita [ES/ES]; Instituto Catalan de Oncologia, Ctra. Gran Via s/n, E-08907 L'Hospitalet del Llobregat (ES). JUDSON, Ian [GB/GB]; Royal Marsden Hospital, 203 Fulham Road, London SW3 6JJ (GB). JIMENO, Doñaque, Jose, Maria [ES/ES]; Polígono Industrial La Mina, Avda. de los Reyes, 1, Colmenar Viejo, E-28770 Madrid (ES). SESSA, Cristiana [IT/CH]; Ospedale S Giovanni, Bellinzona (CH).

(74) RUFFLES, Graham, Keith; Marks & Clerk, 66-68 Hills Road, Cambridge CB2 1LA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/4995, A61P 33/06

(11) WO 2004/105762 (13) A1

(21) PCT/EP2004/005065

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) PCT/EP03/05661 30 May/mai 2003 EP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MEDICAL USE OF DIAZABICYCLONONENE DERIVATIVES AS INHIBITORS OF PARASITE ASPARTIC PROTEASES

• UTILISATION MÉDICALE DE DÉRIVÉS DE DIAZABICYCLONONÈNE UTILISÉS COMME INHIBITEURS DES PROTÉASES ASPARTIQUES PARASITES

(71) ACTELION PHARMACEUTICALS LTD [CH/CH]; Gewerbestr. 16, CH-4123 Allschwil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUR, Daniel [CH/CH]; Im Rosengarten 24, CH-4106 (CH). FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). REMEN, Lubos [SK/CH]; Kurzselängeweg 28, CH-4123 Allschwil (CH). RICHARD-BILDSTEIN, Sylvia [FR/FR]; 12, rue des beaux Prés, F-68440 Dietwiller (FR). WELLER, Thomas [CH/CH]; Hoelzlistrasse 58, CH-4102 Binningen (CH). BOSS, Christoph [CH/CH]; Muesmattweg 98, CH-4123 Allschwil (CH). BINKERT, Christoph [CH/CH]; In den Ziegelhoefen 89, CH-4054 Basel (CH). MEYER, Solange [FR/FR]; 10a, rue du ruisseau, F-68440 Schlierbach (FR).

(74) HOFMANN, Dieter; Therwilerstrasse 87, CH-4153 Reinach (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/506, 31/498, 31/517, 31/404, 31/42, 31/437, 31/47, 31/519, 38/12, 38/19, A61P 3/10

(11) WO 2004/105763 (13) A2

(21) PCT/EP2004/005679

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 0312086.2 27 May/mai 2003 GB (27.05.2003)

(30) 0402682.9 6 Feb/fév 2004 GB (06.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • USE OF A C-ABL-, PDGF-R-, OR C-KIT- TYROSINE KINASE INHIBITOR IN THE TREATMENT OF DIABETES

• UTILISATION D'UN INHIBITEUR DE TYROSINE KINASE C-ABL-, PDGF-R- OU C-KIT- DANS LE TRAITEMENT DU DIABÈTE

(71, 72) HÄGERKVIST, Robert, Per [SE/SE]; Höganäsgratan 7B, S-753 30 Uppsala (SE). WELSH, Nils, Richard [US/SE]; Luthagsplanaden 14, S-752 25 Uppsala (SE).

(74) GRUBB, Philip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/517, C07D 403/14, 403/12, C01B 25/26, A61P 43/00

(11) WO 2004/105764 (13) A1

(21) PCT/GB2004/002281

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 03291314.7 2 Jun/juin 2003 EP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • (3-((QUINAZOLIN-4-YL) AMINO)-1H-PYRAZOL-1-YL) ACETAMIDE DERIVATIVES AND RELATED COMPOUNDS AS AURORA KINASE INHIBITORS FOR THE TREATMENT OF PROLIFERATIVE DISEASES SUCH AS CANCER

• DERIVES DE (3-((QUINAZOLIN-4-YL) AMINO)-1H-PYRAZOL-1-YL) ACETAMIDE ET COMPOSES ASSOCIES EN TANT QU'INHIBITEURS DES KINASES AURORA POUR LE TRAITEMENT DE MALADIES PROLIFERATIVES TELLES QUE LE CANCER

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Sodertälje (SE).

(for all designated States except / pour tous les États désignés sauf MG US)

(71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).

(only for / seulement pour MG)

(72, 75) MORTLOCK, Andrew, Austen [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). HERON, Nicola, Murdoch [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). JUNG, Frederic, Henri [FR/FR]; AstraZeneca Pharma, Z.I. La Pompelle, BP 1050 Cedex 2, F-51689 Reims (FR). PASQUET, Georges, Rene [FR/FR]; AstraZeneca Pharma, Z.I. La Pompelle, BP 1050 Cedex 2, F-51689 Reims (FR).

(74) ASTRAZENECA; Global Intellectual Property, S-151 85 Sodertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/529, C07D 498/08, A61P 35/00, C07D 239/88, 239/93, 239/94

(11) WO 2004/105765 (13) A1

(21) PCT/EP2004/005621

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) PCT/EP03/05723 27 May/mai 2003 EP (27.05.2003)

(30) PCT/EP03/10266 15 Sep/sep 2003 EP (15.09.2003)

(30) PCT/EP03/51061 18 Dec/déc 2003 EP (18.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MACROCYCLIC QUINAZOLINE DERIVATIVES AS ANTIPROLIFERATIVE AGENTS

• DERIVES DE QUINAZOLINE MACROCYCLIQUE UTILISES COMME AGENTS ANTIPROLIFERATIFS

(71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREYNE, Eddy, Jean, Edgard [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). PERERA, Timothy, Pietro, Suren [GB/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). BUIJNSTERS, Peter, Jacobus, Johannes, Antonius [NL/NL]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). WILLEMS, Marc [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). DIELS, Gaston, Stanislas, Marcella [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). EMBRECHTS, Werner, Constant, Johan [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). TEN HOLTE, Peter [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

(74) JANSSEN PHARMACEUTICA N.V.; Turnhoutseweg 30, B-2340 Beerse (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K 31/54, 31/4439, A61P 25/28, 9/10

(11) WO 2004/105766 (13) A2

(21) PCT/AT2004/000185

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) A 819/2003 27 May/mai 2003 AT (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • USE OF OXICAM COMPOUNDS

• UTILISATION DE COMPOSES D'OXICAM

(71) BINDER, Eva (heirress of the deceased inventor / héritière de l'inventeur décédé) [AT/AT]; Sieveringerstrasse 207, A-1190 Wien (AT).

(72) BINDER, Dieter (deceased / décédé).

(74) SONN & PARTNER PATENTANWÄLTE; Riemergasse 14, A-1010 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 31/55

(11) WO 2004/105767 (13) A1

(21) PCT/BR2004/000076

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) PI0302017-7 2 Jun/juin 2003 BR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHARMACEUTICAL COMPOSITION BASED ON AGONIST OF BENZODIAZEPINE

• COMPOSITION PHARMACEUTIQUE A BASE D'UN AGONISTE DE BENZODIAZEPINE

(71) SIGMA PHARMA LTDA. [BR/BR]; Rodovia SP 101, Km 08, 13186-481 Hortolândia (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VANDONI, Guido [IT/IT]; Via Principale, 30, I-20050 Correzzana (IT). OLIANI, Carlo [BR/BR]; Rodovia SP 101, Km 08, 13186-481 Hortolândia (BR). COELHO, Adriano [BR/BR]; Rodovia SP 101, Km 08, 13186-481 Hortolândia (BR). ZANIBONI, Henry [BR/BR]; Rodovia SP 101, Km 08, 13186-481 Hortolândia (BR).

(74) LLC INFO CONNECTION LTDA.; 5555 Dom Hélder Câmara Av., Rm 312, Pílares, 20771-001 Rio de Janeiro (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/567, A61P 5/32, 5/36

(11) WO 2004/105768 (13) A1

(21) PCT/EP2004/005732

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/446,165 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOSITION COMPRISING ANTI-PROGESTINS AND PURE ANTI-ESTROGENS FOR PROPHYLAXIS AND TREATMENT OF HORMONE-DEPENDENT DISEASES

• COMPOSITION COMPRENANT DES ANTAGONISTES DES RECEPTEURS DE PROGESTERONE ET DES ANTI-OESTROGENES PURS POUR LA PROPHYLAXIE ET LE TRAITEMENT DES MALADIES HORMONODEPENDANTES

(71) SCHERING AKTIENGESELLSCHAFT [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).

(72) FUHRMANN, Ulrike; Charlottenburger Ufer 4, 10587 Berlin (DE). HOFFMANN, Jens; Walterstr. 13, 16567 Mühlenbeck (DE). SCHNEIDER, Martin; Schluchsestr. 6a, 13469 Berlin (DE). SIEMEISTER, Gerhard; Reimerswalder Steig 26, 13503 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/573, 31/05, A61P 9/10, A61K 31/352

(11) WO 2004/105769 (13) A1

(21) PCT/BE2004/000078

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 03447132.6 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHARMACEUTICAL COMPOSITION FOR THE TREATMENT AND/OR THE PREVENTION OF ATHEROSCLEROSIS FROM INFECTIOUS ORIGIN

• COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT ET/OU A LA PREVENTION DE L'ATHEROSCLEROSE D'ORIGINE INFECTIEUSE

(71) UNIVERSITE DE LIEGE [BE/BE]; Quai Van Beneden 25, B-4020 Liege (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEBY, Carol [BE/BE]; Quai Van Beneden 25, B-4020 Liege (BE). DUPONT, Ginette [BE/BE]; Quai Van Beneden 25, B-4020 Liege (BE). SERTEYN, Didier [BE/BE]; Quai Van Beneden 25, B-4020 Liege (BE).

(74) VAN MALDEREN, Joëlle et al. / etc.; Office Van Malderen, Place Reine Fabiola 6/1, B-1083 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 31/575, A23L 1/30, A61K 35/78

(11) WO 2004/105770 (13) A1

(21) PCT/CA2004/000807

(22) 31 May/mai 2004 (31.05.2004)

(25) en (26) en

(30) 10/449,729 31 May/mai 2003 US (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOSITION COMPRISING ONE OR MORE PHYTOSTEROLS AND/OR PHYTOSTANOLS AND GLUCOMANNAN AND USES OF THE COMPOSITION IN TREATING LIPID DISORDERS IN INDIVIDUALS WITH AND WITHOUT TYPE II DIABETES

• COMPOSITION COMPRENANT UN OU PLUSIEURS PHYTOSTEROLS ET/OU PHYTOSTANOLS ET GLUCOMANNAN, ET UTILISATIONS DE CETTE COMPOSITION DANS LE TRAITEMENT DES TROUBLES LIPIDIQUES CHEZ DES INDIVIDUS SOUFFRANT OU NON DU DIABETE DU TYPE II

(71) FORBES MEDI-TECH INC. [CA/CA]; 200-750 West Pender Street, Vancouver, British Columbia V6C 2T8 (CA).

(72) ZAWISTOWSKI, Jerzy; 3 Parkwood Place, Port Moody, British Columbia V3H 4K6 (CA). JONES, Peter, J.; 8 Cambridge Road, Baie D'Urfe, Quebec H9X 2V4 (CA).

(74) BEN-OLIEL, Susan, M., M.; 2983 West 41st Avenue, Vancouver, British Columbia V6N 3C8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/616, 31/7034, A61P 9/00

(11) WO 2004/105771 (13) A1

(21) PCT/EP2004/005253

(22) 15 May/mai 2004 (15.05.2004)

(25) de (26) de

(30) 103 24 282.1 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMBINATION OF ACETYLSALICYLIC ACID AND ALPHA-GLUCOSIDASE INHIBITORS

• ASSOCIATION D'ACIDE ACETYLSALICYLIQUE ET D'INHIBITEURS DE L'ALPHA-GLUCOSIDASE

(71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAGENER, Gilbert [DE/DE]; Bornekampstr. 6, 59423 Unna (DE). ELMAHDI, Khairy [DE/DE]; Efeuweg 14, 50226 Frechen (DE). HÖHNER, Uwe [DE/DE]; Zum Stadion 76, 40764 Langenfeld (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/655, 31/155, 31/4706, 31/352, 31/365, A61P 33/02

(11) WO 2004/105772 (13) A1

(21) PCT/EP2004/005942

(22) 2 Jun/juin 2004 (02.06.2004)

(25) de (26) de

(30) 103 25 672.5 3 Jun/juin 2003 DE (03.06.2003)

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ A61K 33/00, 33/06, 31/08, 33/10, 33/12, A61P 35/00
(11) WO 2004/105777 (13) A1
(21) PCT/DE2004/001047
(22) 18 May/mai 2004 (18.05.2004)
(25) de (26) de
(30) 103 23 759.3 22 May/mai 2003 DE (22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ROCK FLOUR, ESPECIALLY DOLOMITE-BASED MEDICAMENT, FOR THE TREATMENT OF CANCER DISEASES
• PIERRE PULVERISEE, EN PARTICULIER MEDICAMENT A BASE DE POUDRE DE DOLOMIE, POUR TRAITER DES PATHOLOGIES CANCEREUSES
(71) BAUER, Wulf [DE/DE]; Wolfgang-Müller-Str. 12, 50968 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) THÖNE, Gerd [DE/DE]; Hellbreite 4, 32791 Lage (DE).
(74) KAYSER, Martin et al. / etc.; Lindenallee 43, 50968 Köln (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A61K 33/06, 33/08, 33/14
(11) WO 2004/105778 (13) A1
(21) PCT/FR2004/001305
(22) 26 May/mai 2004 (26.05.2004)
(25) fr (26) fr
(30) 03.06411 27 May/mai 2003 FR (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • COMBINATION CONSISTING OF A MAGNESIUM PREPARATION HAVING A PROLONGED RELEASE AND OF ANOTHER ACTIVE SUBSTANCE, AND USE THEREOF IN THE FIELDS OF COSMETICS, THERAPEUTICS AND/OR NUTRITION
• COMBINAISON D'UNE PREPARATION DE MAGNESIUM A LIBERATION PROLONGEE ET D'UNE AUTRE

SUBSTANCE ACTIVE, UTILISATION DANS LE DOMAINE COSMETIQUE, THERAPEUTIQUE ET/OU NUTRITIONNEL

- (71, 72) JOANNY MENVIELLE-BOURG, Fabienne [FR/FR]; 48, rue Boissière, F-75116 Paris (FR).
(74) CLISCI, Serge; S.A. Fedit-Loriot & Autres, Conseil en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ A61K 35/78
(11) WO 2004/105779 (13) A2
(21) PCT/IB2004/001997
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 03425342.7 27 May/mai 2003 EP (27.05.2003)
(30) 03425343.5 28 May/mai 2003 EP (28.05.2003)
(30) 0319946.0 26 Aug/août 2003 GB (26.08.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • GREEN TEA AND OLYPHENOL INHIBITORS OF BACTERIAL PROTEASES
• THE VERT ET POLYPHENOL COMME INHIBITEURS DE PROTEASES BACTERIENNES
(71, 72) MONTECUCCO, Cesare [IT/IT]; Dipartimento de Scienze Biomediche, Università do Padova, Via G. Colombo 3, I-35121 Padova (IT).
(74) MARSHALL, J., Cameron et al. / etc.; Carpmals & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A61K 38/00
(11) WO 2004/105780 (13) A2
(21) PCT/CA2004/000769
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) PCT/US03/16660 27 May/mai 2003 US (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • COMPOSITIONS AND METHODS COMPRISING GASTRIN COMPOUNDS
• METHODES ET COMPOSITIONS CONTENANT DES COMPOSES DE GASTRINE
(71) WARATAH PHARMACEUTICALS, INC. [CA/CA]; 415 Yonge Street, Suite 1003, Toronto, Ontario M5B 2E7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CRUZ, Antonio [CA/CA]; 89 Dunloc Road, Toronto, Ontario M5P 2T7 (CA).
(74) KURDYDYK, Linda; Suite 4700, P.O. Box 48, Toronto Dominion Bank Tower, 66 Wellington Street West, Toronto, Ontario M5K 1E6 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A61K 38/00
(11) WO 2004/105781 (13) A2
(21) PCT/DK2004/000380
(22) 3 Jun/juin 2004 (03.06.2004)
(25) en (26) en
(30) PA 2003 00819 3 Jun/juin 2003 DK (03.06.2003)
(30) 60/476,279 5 Jun/juin 2003 US (05.06.2003)
(30) PA 2004 00075 19 Jan/jan 2004 DK (19.01.2004)
(30) 60/538,525 22 Jan/jan 2004 US (22.01.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • STABILIZED PHARMACEUTICAL PEPTIDE COMPOSITIONS
• COMPOSITIONS PHARMACEUTIQUES PEPTIDIQUES STABILISEES
(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, Dk-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) JUUL-MORTENSEN, Claus [DK/DK]; Ernst Meyers Gade 12, Dk-1772

- København V (DK). ENGELUND, Dorte, Kot [DK/DK]; Gasshøven 39, DK-2840 Holte (DK).
- (74) **NOVO NORDISK A/S**; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/00**
- (11) **WO 2004/105782** (13) A2
- (21) PCT/EP2004/005677
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 0312309.8 **29 May/mai 2003 GB (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **TUMOR-TARGETED DRUG DELIVERY SYSTEMS AND USES THEREOF**
• **SYSTEME DE LIBERATION DE MEDICAMENT CIBLEE SUR UNE TUMEUR ET UTILISATIONS ASSOCIEES**
- (71) **G. GASLINI CHILDREN'S HOSPITAL** [IT/IT]; Largo G. Gaslini 5, I-16148 Genoa (IT). **THE GOVERNORS OF THE UNIVERSITY OF ALBERTA** [CA/CA]; 222 Campus Towers, 8625 - 112 Street, Edmonton, Alberta T6G 2E1 (CA). **FONDAZIONE CENTRO SAN RAFFAELE DEL MONTE TABOR** [IT/IT]; Via Olgettina 58, I-20132 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PONZONI, Mirco** [IT/IT]; Viale Des Geneys 5/3, I-16148 Genoa (IT). **CORTI, Angelo** [IT/IT]; Via Rossini 14, Azzano S. Paolo, I- 24052 Bergamo (IT). **ALLEN, Theresa, M.** [CA/CA]; 11223 72 Ave., Edmonton, Alberta T6G 0B4 (CA).
- (74) **RICKER, Mathias**; Jones Day Rechtsanwalt, Prinzregentenstrasse 11, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/00**
- (11) **WO 2004/105783** (13) A1
- (21) PCT/EP2004/005873
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) en (26) en
- (30) 03012123.0 **30 May/mai 2003 EP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **P-SELECTIN TARGETING LIGAND AND COMPOSITIONS THEREOF**
• **LIGAND CIBLANT LA P-SELECTINE ET SES COMPOSITIONS**
- (71) **YAMANOUCHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **APPELDOORN, Chantal, Catharina, Maria** [NL/NL]; c/o LACDR, Leiden University / Gorlaeus laboratories, P.O.Box 9502, NL-2300 RA Leiden (NL). **VAN BERKEL, Theodorus, Josephus, Cornelis** [NL/NL]; c/o LACDR, Leiden University / Gorlaeus laboratories, P.O.Box 9502, NL-2300 RA Leiden (NL). **BIESSEN, Erik, Anna, Leonardus** [NL/NL]; c/o LACDR, Leiden University / Gorlaeus Laboratories, P.O.Box 9502, NL-2300 RA Leiden (NL).
- (74) **HOFFMANN . EITLÉ**; Arabellastrasse 4, 81925 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/17, G01N 33/68, C07K 14/47**
- (11) **WO 2004/105785** (13) A2
- (21) PCT/EP2004/004513
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) en (26) en
- (30) 03012388.9 **30 May/mai 2003 EP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **USE OF PAM**
• **UTILISATION DE LA PAM**
- (71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MICHAELIS, Martin** [DE/DE]; Saviignystrasse 22, 60325 Frankfurt (DE).
- (74) **AVENTIS PHARMA DEUTSCHLAND GMBH**; Patent- und Lizenzabteilung, Industriepark Höchst, Geb. K 801, 65926 Frankfurt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/17, A61P 9/10**
- (11) **WO 2004/105786** (13) A1
- (21) PCT/GB2004/002288
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 0312292.6 **29 May/mai 2003 GB (29.05.2003)**
- (30) 0400547.6 **12 Jan/jan 2004 GB (12.01.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **CLASS III SLRP AGONISTS FOR THE REDUCTION OF BLOOD VESSEL FORMATION**
• **AGONISTES DES SLRP DE CLASSE III SERVANT A REDUIRE LA FORMATION DE VAISSEAUX SANGUINS**
- (71) **THE VICTORIA UNIVERSITY OF MANCHESTER** [GB/GB]; Oxford Road, Manchester M13 9PL (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BISHOP, Paul, N.** [GB/GB]; Faculty of Medicine, Dentistry, Nursing & Pharmacy, Stopford Building, Oxford Road, Manchester M13 9PT (GB).
- (74) **BANFORD, Paul, Clifford**; Marks & Clerk, 43 Park Place, Leeds LS1 2RY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/17, A61P 9/10**
- (11) **WO 2004/105786** (13) A1
- (21) PCT/GB2004/002288

- (22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 0312122.5 27 May/mai 2003 GB (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ADIPONECTIN FOR TREATING CARDIAC DISEASE
• ADIPONECTINE DESTINEE A TRAITER UNE MALADIE CARDIAQUE
(71) PHARMAGENE LABORATORIES LTD [GB/GB]; 2 Orchard Road, Royston, Hertfordshire SG8 5HD (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CLARK, Kenneth, Lyle [GB/GB]; Pharmagene Laboratories Ltd, 2 Orchard Road, Royston, Hertfordshire SG8 5HD (GB). GOULTER, Andrew [GB/GB]; Pharmagene Laboratories Ltd, 2 Orchard Road, Royston, Hertfordshire SG8 5HD (GB). DREW, Geoffrey, Michael [GB/GB]; 44 Whitehill Road, Hitchin, Hertfordshire SG4 9HP (GB). CLARK, Brian [GB/GB]; Pharmagene Laboratories Ltd, 2 Orchard Road, Royston, Hertfordshire SG8 5HD (GB). MITCHELL, Joanne, Nicola [GB/GB]; 77 Mill Road, Royston, Hertfordshire SG8 7AJ (GB).
(74) BRASNETT, Adrian et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 38/18, 38/10, 35/30
(11) WO 2004/105787 (13) A1
(21) PCT/IB2004/001758
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/473,762 28 May/mai 2003 US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • METHODS OF USING COMBINATIONS OF EGF-2 AND EGF-20 TO TREAT CENTRAL NERVOUS SYSTEM DISORDERS
• PROCÉDES D'UTILISATION D'ASSOCIATIONS DE FGF-2 ET FGF-20 POUR TRAITER DES AFFECTIONS DU SYSTÈME NERVEUX CENTRAL
(71) THE UNIVERSITY OF KYOTO [JP/JP]; 46-29 Yoshida-Shimoadachi-cho, Sakyo-ku, Kyoto 606-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ITOH, Nobuyuki [JP/JP]; Yoshida-Shimoadachi, Sakyo, Kyoto 606-85601 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)
(51)⁷ A61K 38/24, A61P 15/08
(11) WO 2004/105788 (13) A1
(21) PCT/IB2004/001813
(22) 2 Jun/juin 2004 (02.06.2004)
(25) en (26) en
(30) 10/452,926 3 Jun/juin 2003 US (03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • UNITARY COMBINATION OF FSH AND hCG
• ASSOCIATION UNITAIRE DE FSH ET DE HCG
(71) FERRING B.V. [NL/NL]; P.O. Box 3129, 2130 Polaris Avenue 144, NL-2132 JX Hoofddorp (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FILICORI, Marco [IT/IT]; Vicolo Malgrado 2/8, I-40125 Bologna (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)
(51)⁷ A61K 38/25, A61P 25/28, 3/00, 21/06, 37/04
(11) WO 2004/105789 (13) A1
(21) PCT/CA2003/000827
(22) 29 May/mai 2003 (29.05.2003)
(25) en (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • GRF ANALOG COMPOSITION AND THEIR USE
• COMPOSITIONS D'ANALOGUES GRF ET LEUR UTILISATION
(71) THERATECHNOLOGIES INC. [CA/CA]; 2310 Alfred-Nobel Boulevard, Ville Saint-Laurent, Québec H4S 2A4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ABRIBAT, Thierry [CA/CA]; 4659 Hutchison, Montréal, Québec H2V 4A2 (CA). DE VILLERS, André [CA/CA]; 53 Kelvin, Outremont, Québec H2V 1T3 (CA). ALLAS, Soraya [CA/CA]; 5 avenue Vincent d'Indy, App. 302, Montréal, Québec H2V 2S7 (CA). GRAVEL, Denis [CA/CA]; 207 rue des Pyrénées, Saint-Lambert, Québec J4S 1L3 (CA). CHAPDELAIN, Alcide [CA/CA]; 120 rue Ferland #9D, Ile des Soeurs, Québec H3E 1L1 (CA).
(74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 38/26
(11) WO 2004/105790 (13) A1
(21) PCT/DK2004/000381
(22) 3 Jun/juin 2004 (03.06.2004)
(25) en (26) en
(30) PA 2003 00820 3 Jun/juin 2003 DK (03.06.2003)
(30) 60/476,282 5 Jun/juin 2003 US (05.06.2003)
(30) PA 2004 00063 19 Jan/jan 2004 DK (19.01.2004)
(30) 60/538,487 22 Jan/jan 2004 US (22.01.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • STABILIZED PHARMACEUTICAL PEPTIDE COMPOSITIONS
• COMPOSITIONS PEPTIDIQUES PHARMACEUTIQUES STABILISÉES
(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) JUUL-MORTENSEN, Claus [DK/DK]; Ernst Meyers Gade 12, DK-1772 København V (DK).
(74) NOVO NORDISK A/S; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61K 39/00

(11) WO 2004/105791 (13) A2

(21) PCT/IN2004/000153

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 768/DEL/2003 2 Jun/juin 2003 IN
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • RECOMBINANT ANTI-LHRH VAC-
CINES
• VACCINS ANTI-LHRH DE RECOMBI-
NAISON

(71) THE TALWAR RESEARCH FOUNDA-
TION [IN/IN]; E-8, Neb Valley, Neb Sarai,
New Delhi 110 068 (IN).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TALWAR, Gursaran, Prasad [IN/IN];
The Talwar Research Foundation, E-8, Neb
Valley, Neb Sarai, New Delhi 110 068 (IN).
GUPTA, Jagdish, Chandra [IN/IN]; The
Talwar Research Foundation, E-8, Neb Val-
ley, Neb Sarai, New Delhi 110 068 (IN).
RAINA, Komal [IN/IN]; The Talwar Re-
search Foundation, E-8, Neb Valley, Neb
Sarai, New Delhi 110 068 (IN).

(74) GUPTA, Bhartee; Panacea Biotec Ltd., B-1
Extn./A-27, Mohan Co-operative Industrial
Estate, Mathura Road, New Delhi 110 044
(IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61K 39/395, A61P 1/12, 31/12

(11) WO 2004/105792 (13) A1

(21) PCT/JP2004/007232

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-154825 30 May/mai 2003 JP
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOSITION AGAINST PAR-
VOVIRUS INFECTION

• COMPOSITION DE TRAITEMENT
D'UNE INFECTION A PARVOVIRUS

(71) GHEN CORPORATION [JP/JP]; 296-1,
Oritate, Gifu-shi, Gifu, 5011132 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KODAMA, Yoshikatsu [JP/JP]; c/o
Immunology Research Institute, Ghen
Corporation, 839-1, Sano, Gifu-shi, Gifu,
5011101 (JP). GOSHIMA, Hideo [JP/JP];
c/o Immunology Research Institute, Ghen
Corporation, 839-1, Sano, Gifu-shi, Gifu,
5011101 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Kamiya-cho
MT Bldg. 19F, 3-20, Toranomon 4-chome,
Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61K 45/00

(11) WO 2004/105793 (13) A2

(21) PCT/US2004/016742

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/474,174 28 May/mai 2003 US
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SOLUBLE CLCA-1 AND ANTAGO-
NISTS TO CLCA-1

• CLCA-1 SOLUBLE ET ANTAGO-
NISTES DE CLCA-1

(71) WYETH [US/US]; Five Giralda Farms,
Madison, NJ 07940 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LONG, Andrew, J. [US/US]; 13 Fair-
banks Road, Chelmsford, MA 01824 (US).
WOOD, Clive, R. [US/US]; 2 Hawthorne
Place #17R, Boston, MA 02114 (US). BOW-
MAN, Michael [—/US]; 63 Gloucester Road,

Westwood, MA 02090 (US). GOLDMAN,
Samuel, J. [US/US]; 9 Mohawk Drive, Ac-
ton, MA 01720 (US). SYPEK, Joseph, P.
[US/US]; 10 Allen Avenue, Woburn, MA
02468 (US).

(74) GARRET, Arthur S.; Finnegan, Hender-
son, Farabow, Garrett & Dunner L.L.P., 1300
I Street N.W., Washington, DC 20005-3315
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61K 45/00

(11) WO 2004/105794 (13) A2

(21) PCT/US2004/016973

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 10/447,588 29 May/mai 2003 US
(29.05.2003)

(30) 10/842,667 10 May/mai 2004 US
(10.05.2004)

(30) 10/857,235 28 May/mai 2004 US
(28.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTINUOUS DOSING REGIMEN
• SCHEMA POSOLOGIQUE
D'ADMINISTRATION EN CONTINU

(71) ABBOTT LABORATORIES [US/US];
Dept. 377 Bldg. AP6A-1, 100 Abbott Park
Road, Abbott Park, IL 60064-6008 (US).
MEEK, Kysa, A. [US/US]; 4708 Home
Avenue, McHenry, IL 60050 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GORDON, Gary [US/US]; 3282 Uni-
versity Avenue, Highland Park, IL 60035
(US). HAGEY, Anne, E. [US/US]; 35 E.
Sand Piper Lane, Lake Forest, IL 60045
(US). ROSENBERG, Saul, H. [US/US]; 15
Lighthouse Lane, Grayslake, IL 60030 (US).

(74) DONNER, B., Gregory et al. / etc.; AB-
BOTT LABORATORIES, Dept. 377 Bldg.
AP6A-1, 100 Abbott Park Road, Abbott Park,
IL 60064-6008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 45/06, A61P 1/06

(11) WO 2004/105795 (13) A1

(21) PCT/EP2004/050936

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03011875.6 27 May/mai 2003 EP (27.05.2003)

(30) 04102304.5 25 May/mai 2004 EP (25.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHARMACEUTICAL COMBINATIONS OF A PROTON PUMP INHIBITOR AND A COMPOUND WHICH MODIFIES GASTROINTESTINAL MOTILITY

• COMBINAISONS PHARMACEUTIQUES D'UN INHIBITEUR DE LA POMPE A PROTONS ET D'UN COMPOSE MODIFIANT LA MOTILITE GASTRO-INTESTINALE

(71) ALTANA PHARMA AG [DE/DE]; Byk-Gulden-Str. 2, 78467 Konstanz (DE). (for all designated States except / pour tous les États désignés sauf US)

(72) ZIMMERMANN, Peter, Jan; Zum Lerchental 43/1, 78315 Radolfzell (DE). CHIESA, M., Vittoria; Alpenstr. 5, 78464 Konstanz (DE). PALMER, Andreas; Pirminweg 1a, 78467 Konstanz (DE). BREHM, Christof; Richentalstr. 8, 78462 Konstanz (DE). KLEIN, Thomas; Doebelestr. 16, 78462 Konstanz (DE). SENN-BILFINGER, Joerg; Saentisstrasse 7, 78464 Konstanz (DE). SIMON, Wolfgang-Alexander; Schubertstrasse 17, 78464 Konstanz (DE). KROMER, Wolfgang; Hinterhauserstr. 5, 78464 Konstanz (DE). GRUNDLER, Gerhard; Meersburger Str. 4, 78464 Konstanz (DE). HANAUER, Guido; Saentisblick 18, 78465 Konstanz (DE).

(72, 75) BUHR, Wilm [DE/DE]; Zum Kirchenwald 7, 78465 Konstanz (DE). POSTIUS, Stefan [DE/DE]; Austrasse 4b, 78467 Konstanz (DE).

(74) WILD, Robert; c/o ALTANA Pharma AG, 78467 Konstanz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61K 45/06, 31/485, 31/519, A61P 29/00

(11) WO 2004/105796 (13) A1

(21) PCT/SE2004/000815

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312320.5 29 May/mai 2003 GB (29.05.2003)

(30) 0301651-6 5 Jun/juin 2003 SE (05.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A PHARMACEUTICAL COMPOSITION CONTAINING A P2X₇ RECEPTOR ANTAGONIST AND METHOTREXATE

• NOUVELLE COMBINAISON

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUGHTON-SMITH, Nigel [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).

(74) ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 45/06, 31/485, 31/625, A61P 29/00

(11) WO 2004/105797 (13) A1

(21) PCT/SE2004/000816

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312319.7 29 May/mai 2003 GB (29.05.2003)

(30) 0301652-4 5 Jun/juin 2003 SE (05.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A PHARMACEUTICAL COMPOSITION COMPRISING A P2X₇ ANTAGONIST AND SULFASALAZINE

• NOUVELLE COMBINAISON

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUGHTON-SMITH, Nigel [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).

(74) ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 45/06, 31/165, 31/465, A61P 29/00

(11) WO 2004/105798 (13) A1

(21) PCT/SE2004/000817

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312321.3 29 May/mai 2003 GB (29.05.2003)

(30) 0301655-7 5 Jun/juin 2003 SE (05.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A PHARMACEUTICAL COMPOSITION COMPRISING A P2X₇-RECEPTOR ANTAGONIST AND A TUMOUR NECROSIS FACTOR α

• NOUVELLE COMBINAISON

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUGHTON-SMITH, Nigel [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).

(74) ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 47/34, 9/107, 38/48, 38/44

(11) WO 2004/105799 (13) A1

(21) PCT/IP2004/007583

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-153281 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STABILIZED POLYMER MICELLE

• MICELLE POLYMERE STABILISEE

(71) TOUDAI TLO, Ltd. [JP/JP]; 3-1, Hongo
7-chome, Bunkyo-ku, Tokyo 1130033 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KATAOKA, Kazunori [JP/JP]; 5-17-22,
Kami-Saginomiya, Nakano-ku, Tokyo
1650032 (JP). YAMASAKI, Yuichi [JP/JP];
301, TF Haisu Miyanomae C, 8-45-4, Hi-
gashi-Ogu, Arakawa-ku, Tokyo 1160012
(JP). YUAN, Xiao, Fei [CN/JP]; 105, Mashu
Ichibankan, 2-14-3, Aoto, Katsushika-ku,
Tokyo 1250062 (JP). HARADA, Atsushi
[JP/JP]; 206, Grandhile Nakamozu, 3-14-24,
Moju-Umemachi, Sakai-shi, Osaka 5918032
(JP). MONTREE, Jaturanpinyo [TH/TH];
80/18-19, Petkascam Rd., Bangkac, Bangkok
10160 (TH).(74) KOBAYASHI, Hiroshi et al. / etc.; c/o
ABE, IKUBO & KATAYAMA, Fukuoka
Bldg. 9th Fl., 8-7, Yaesu 2-chome, Chuo-ku,
Tokyo 1040028 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61K 47/48

(11) WO 2004/105800 (13) A2

(21) PCT/EP2004/005801

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 103 24 710.6 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPLEXING OF MEDICINAL SUB-
STANCES WITH HIGH-MOLECULAR
CARRIERS AND INJECTION AND IN-
FUSION SOLUTIONS CONTAINING
SAID COMPLEXES• FORMATION DE COMPLEXES
CONSTITUES DE SUBSTANCES ME-
DICAMENTEUSES ET DE SUPPORTS
DE MASSE MOLECULAIRE ELEVEE,
ET SOLUTIONS D'INJECTION ET DE
PERFUSION CONTENANT CES COM-
PLEXES(71) SUPRAMOL PARENTERAL COL-
LOIDS GMBH [DE/DE]; Industriestrasse
1-3, 61191 Rosbach-Rodheim (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SOMMERMEYER, Klaus [DE/DE]; In
der Laubach 26, 61191 Rosbach v.d.H. (DE).(74) LUDERSCHMIDT, Wolfgang et al. / etc.;
John-F-Kennedy-Strasse 4, 65189 Wies-
baden (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement(51)⁷ A61K 49/00, A01K 67/02

(11) WO 2004/105801 (13) A1

(21) PCT/IB2004/001684

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/474,658 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANIMAL MODEL FOR THE ALLEVIA-
TION OF PAIN USING IL-6• PROCEDE PERMETTANT DE DETER-
MINER L'ATTENUATION DE LA DOU-
LEUR CHEZ UN ANIMAL(71) WARNER-LAMBERT COMPANY LLC
[US/US]; 201 Tabor Road, Morris Plains, NJ
07950 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BOVE, Susan, Elizabeth [US/US];
Pfizer Global Research and Development,
2800 Plymouth Road, Ann Arbor, MI 48105
(US). KILGORE, Kenneth [US/US]; Pfizer
Global Research and Development, 2800
Plymouth Road, Ann Arbor, MI 48105 (US).(74) FULLER, Grover, F., Jr. et al. / etc.; Pfizer
Inc., P.O. Box 1027, St. Louis, MO 63006
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 49/00

(11) WO 2004/105802 (13) A1

(21) PCT/IB2004/050704

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03101529.0 27 May/mai 2003 EP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRACER FOR MEDICAL IMAGING

• TRACEUR D'IMAGERIE MEDICALE

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).*(only for / seulement pour DE)*(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).*(for all designated States except / pour tous
les États désignés sauf DE US)*(72, 75) CARLSEN, Ingwer [DE/DE]; c/o
Philips Intellectual Property & Standards
GmbH, Weisshausstr. 2, 52066 Aachen (DE).(74) MEYER, Michael; Philips Intellectual Prop-
erty & Standards GmbH, Weisshausstr. 2,
52066 Aachen (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 49/22, A61B 19/00

(11) WO 2004/105803 (13) A1

(21) PCT/US2004/014731

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/444,428 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MARKER OR FILLER FORMING
FLUID FOR USE IN BIOPSY PRO-
CEDURES• FLUIDE FORMANT UN MARQUEUR
OU UNE MATIERE DE REMPLISSAGE,
DESTINE A ETRE UTILISE DANS DES
PROCEDURES DE BIOPSIE(71) SENORX, INC. [US/US]; 11 Columbia,
Suite A, Aliso Viejo, CA 92656 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72) BURBANK, Fred, H.; 12 Old Ranch Road,
Laguna Niguel, CA 92677 (US). JONES,
Michael, L.; 6332 Camino Marinero, San
Clemente, CA 92673 (US). LOUW, Frank;
6188 Paseo Tienda, Carlsbad, CA 92009

- (US). LUBOCK, Paul; 30 Bethany, Laguna Niguel, CA 92677 (US).
- (74) LYNCH, Edward, J.; Duane Morris LLP, One Market, Spear Tower, Suite 2000, San Francisco, CA 94105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61L

(11) WO 2004/105804 (13) A2

(21) PCT/EG2004/000011

(22) 3 Apr/avr 2004 (03.04.2004)

(25) en (26) en

(30) 2003060529 3 Jun/juin 2003 EG (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISINFECTION AIR CONDITION

- SYSTÈME DE DÉSINFECTION D'UNITÉ DE CONDITIONNEMENT D'AIR

(71, 72) YOUSSEF, Magdi, Mokhtar, Ali [EG/EG]; 179 Airport Road, Heliopolis, Post Code: 11771, Cairo (EG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(i) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61L

(11) WO 2004/105805 (13) A2

(21) PCT/US2003/014715

(22) 9 May/mai 2003 (09.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WOUND CARE SUSPENSION SYSTEM

- SYSTEME DE SUSPENSION POUR LE SOIN DES PLAIES

(71, 72) DIAZ, Gary, R. [US/US]; 53 Martins Lane, Highland Park, IL 60035 (US).

(72, 75) SCHLEICHER, Thomas, R. [US/US]; 5650 N. Sheridan Road, Chicago, IL 60660 (US). CALLAHAN, John, W. [US/US]; 11434 Bittersweet Creek Run, Fort Wayne, IN 46814 (US).

(74) McKenna, Michael, R.; 500 West Madison, Suite 3800, Chicago, IL 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61L

(11) WO 2004/105806 (13) A2

(21) PCT/US2004/014297

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/446,763 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VALVE HOLDING FIXTURE FOR AUTOMATED REPROCESSOR

- ACCESSOIRE DE FIXATION DE SOUPEPOUR DISPOSITIF DE RETRAITEMENT

(71) STERIS INC. [US/US]; 43425 Business Park Drive, Temecula, CA 92590 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HALSTEAD, Eric; 246 rue Certon, Beauport, Quebec G1B 3N8 (CA). MCDONNELL, Gerald, E.; 10 Beaconsfield Road, Basingstoke, Hampshire RG21 3DP (GB). PRIEST, Robert, M.; 1322 E. 342nd Street, Eastlake, OH 44095-3013 (US).

(74) KUSNER, Mark et al. / etc.; Kusner & Jaffe, Suite 310, Highland Place, 6151 Wilson Mills Road, Highland Heights, OH 44143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61L

(11) WO 2004/105807 (13) A2

(21) PCT/US2004/016787

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,774 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BALLOON CENTERED RADIALLY EXPANDING ABLATION DEVICE

- DISPOSITIF D'ABLATION A DEPLOIEMENT RADIALEMENT CENTRE DE BALLON

(71) VENTURE MANUFACTURING, LLC [US/US]; 2233 Calle Del Mundo, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IM, Karl, S. [US/US]; 508 Villa Centre Way, San Jose, CA 95128 (US). TO, John, T. [US/US]; 36514 Dijon Drive, Newark, CA 94560 (US). PERKINS, Roger, W. [US/US]; 1059 Lackawanna Court, Sunnyvale, CA 94087 (US).

(74) LOPEZ, Theodore, P.; MacPherson Kwok Chen & Heid LLP, 1762 Technology Drive, Suite 226, San Jose, California 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61L

(11) WO 2004/105808 (13) A2

(21) PCT/US2004/016832

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,006 28 May/mai 2003 US (28.05.2003)

(30) 60/477,316 9 Jun/juin 2003 US (09.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMBINED HIGH ENERGY FIELD AIR STERILIZER AND ABSORPTION CHILLER/COOLER

- STERILISATEUR D'AIR A CHAMP ENERGETIQUE ELEVE ET APPAREIL FRIGORIFIQUE/REFROIDISSEUR A ABSORPTION COMBINES

(71, 72) THOMPSON, George [US/US]; 6614 Englelake Drive, Lakeland, FL 33813 (US).
SZENAY, Craig, E. [US/US]; 529 Lake Leta Boulevard, Tampa, FL 33624 (US).

(74) MYERS, Jeffrey, D.; Peacock, Myers & Adams P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61L 2/08, A61K 9/10, 9/14, 9/19, 9/51

(11) WO 2004/105809 (13) A1

(21) PCT/US2004/014528

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,434 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STERILIZATION OF DISPERSIONS OF NANOPARTICULATE ACTIVE AGENTS WITH GAMMA RADIATION
• STERILISATION DE DISPERSIONS D'AGENTS ACTIFS PARTICULAIRES AU MOYEN DE RAYONS GAMMA

(71) ELAN PHARMA INTERNATIONAL LTD. [IE/IE]; Wil House, Shannon Business Park, Shannon, County Clare (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOSCH, William H. [US/US]; 237 Rodney Circle, Bryn Mawr, PA 19010 (US).
KELLER, Janine [US/US]; c/o Elan Drug Deliver Inc., 3500 Horizon Drive, King of Prussia, PA 19406 (US).

(74) SIMKIN, Michele, M.; Foley & Lardner, Washington Harbour, 3000 K Street, Suite 500, Washington, DC 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61L 2/14, H01T 19/04

(11) WO 2004/105810 (13) A1

(21) PCT/EP2004/005988

(22) 3 Jun/juin 2004 (03.06.2004)

(25) de (26) de

(30) 103 24 926.5 3 Jun/juin 2003 DE (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TREATMENT OF BIOLOGICAL MATERIAL CONTAINING LIVING CELLS USING A PLASMA GENERATED BY A GAS DISCHARGE

• TRAITEMENT DE MATIERES BIOLOGIQUES CONTENANT DES CELLULES VIVANTES A L'AIDE D'UN PLASMA PRODUIT PAR UNE DECHARGE GAZEUSE

(71) FACHHOCHSCHULE HILDESHEIM/HOLZMINDEN/GÖTTINGEN [DE/DE]; Hohnsen 4, 31134 Hildesheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIÖL, Wolfgang [DE/DE]; Heideweg 11, 37139 Adelebsen (DE).

(74) REHBERG+HÜPPE; Nikolausberger Weg 62, 37073 Göttingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61L 9/01, 9/012, 9/02, A01N 25/08, 25/10

(11) WO 2004/105811 (13) A1

(21) PCT/US2004/016162

(22) 21 May/mai 2004 (21.05.2004)

(25) en

(26) en

(30) 10/447,749

29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VOLATILE MATERIAL-CONTAINING COMPOSITIONS

• COMPOSITIONS CONTENANT DES MATIERES VOLATILES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOLLENS, Fernando, Ray [US/US]; 6265 Hunterwood Lane, Indian Hill, Ohio 45245 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61L 9/03, F23D 21/00

(11) WO 2004/105812 (13) A1

(21) PCT/ES2003/000258

(22) 29 May/mai 2003 (29.05.2003)

(25) es (26) es

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS FOR DIFFUSION OF ACTIVE SUBSTANCES WITH CATALYTIC COMBUSTION

• APPAREIL DE DIFFUSION DE SUBSTANCES ACTIVES A COMBUSTION CATALYTIQUE

(71) DBK ESPAÑA, S.A. [ES/ES]; Argenters, 2-4-8, Edif. 3C/P, C/B Parc Tecnologic del Valles, 08290 CERDANYOLA DEL VALLES (Barcelona) (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CASERTA, Andrea [IT/ES]; Argenters, 2-4-8, Edif. 3C/P, C/B Parc Tecnologic del Valles, E-08290 Cerdanyola del Valles (ES). GARCIA FABREGA, Ruben [ES/ES]; Argenters, 2-4-8, Edif. 3C/P, C/B Parc Tecnologic del Valles, E-08290 Cerdanyola del Valles (ES). MORHAIN, Cedric [FR/ES]; Argenters, 2-4-8, Edif. 3C/P, C/B Parc Tecnologic del Valles, E-08290 Cerdanyola del Valles (Barcelona) (ES).

(74) CARPINTERO LÓPEZ, Francisco; Herrero & Asociados, S.I., Alcalá, 35, 28014 MADRID (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61L 9/03, 9/12

(11) WO 2004/105813 (13) A1

(21) PCT/US2004/016163

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/447,756 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR DISPENSING VOLATILE MATERIALS

• PROCEDE DE DISTRIBUTION DE MATIERES VOLATILES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KVIETOK, Frank, Andrej [US/US]; 1103 Richwood Avenue, Cincinnati, OH 45208 (US). WESTRING, Brice, Daniel [US/US]; 1282 Sandtrap Court, Loveland, OH 45140 (US). HARDY, Charles, Michael [US/US]; 2564 Marsh Avenue, Norwood, OH 45212 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o REED, David, T., 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61L 9/03, 9/02, A01M 1/20, A61L 9/04, 9/12

(11) WO 2004/105814 (13) A1

(21) PCT/US2004/016396

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/447,755 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICES AND SYSTEMS FOR DISPENSING VOLATILE MATERIALS

• DISPOSITIFS ET SYSTEMES DE DISTRIBUTION DE SUBSTANCES VOLATILES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WESTRING, Brice, Daniel [US/US]; 1282 Sandtrap Court, Loveland, Ohio 45140 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61L 9/03, 9/12, A01M 1/20

(11) WO 2004/105815 (13) A2

(21) PCT/US2004/016397

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/447,751 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VOLATIVE MATERIAL-CONTAINING ARTICLE

• ARTICLE CONTENANT DES SUBSTANCES VOLATILES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURDELL, Rachel [US/US]; 623 Coleberry Court, Cleves, OH 45002 (US). BUSH, Stephan, Gary [US/US]; 11768 Percival Court, Sharonville, OH 45241 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61L 9/12, A01M 1/20

(11) WO 2004/105816 (13) A1

(21) PCT/GB2004/002275

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312374.2 30 May/mai 2003 GB
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPROVEMENTS IN CONTAINERS
FOR AIR FRESHENING DEVICES
• AMELIORATION DE CONTENANTS
POUR DISPOSITIFS DE DESODORI-
SATION DE L'AIR(71) RECKITT BENCKISER (UK) LIMITED
[GB/GB]; 103-105 Bath Road, Slough,
Berkshire SL1 3UH (GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GAVELLI, Fabrizio [IT/SI]; Reckitt
Benckiser (Adriatic) doo, Trzin 1236, Ljubl-
jana (SI). JONES, Stuart, Michael, Ruan
[GB/GB]; 8 Pryors Orchard, Melbourn, Nr.
Royston, Herts SG8 6UT (GB).(74) MCKNIGHT, John, Crawford et al. / etc.;
Reckitt Benckiser plc, Group Patents Depart-
ment, Dansom Lane, Hull HU8 7DS (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61L 9/12, 9/04

(11) WO 2004/105817 (13) A1

(21) PCT/GB2004/002290

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312387.4 30 May/mai 2003 GB
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AIR FRESHENING OR PURIFYING
DEVICE
• DISPOSITIF D'EPURATION OU ASSAI-
NISSEMENT DE L'AIR(71) RECKITT BENCKISER (UK) LIMITED
[GB/GB]; 103-105 Bath Road, Slough,
Berkshire SL1 3UH (GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GAVELLI, Fabrizio [IT/SI]; Reckitt
Benckiser (Adriatic) doo, Trzin 1236, Ljubl-
jana (SI). JONES, Stuart, Michael, Ruan
[GB/GB]; 8 Pryors Orchard, Melbourn, Nr
Royston, Herts SG8 6UT (GB).(74) MCKNIGHT, John, Crawford et al. / etc.;
Reckitt Benckiser plc, Group Patents Depart-
ment, Dansom Lane, Hull HU8 7DS (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GHGM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61L 9/12, 9/04

(11) WO 2004/105818 (13) A1

(21) PCT/GB2004/002293

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312345.2 30 May/mai 2003 GB
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AIR FRESHENING DEVICE AND
METHOD OF MANUFACTURE
• DISPOSITIF DE DESODORISATION ET
SON PROCÉDE DE FABRICATION(71) RECKITT BENCKISER (UK) LIMITED
[GB/GB]; 103-105 Bath Road, Slough, Berk-
shire SL1 3UH (GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GAVELLI, Fabrizio [IT/SI]; Reckitt
Benckiser (Adriatic) doo, Trzin 1236, Ljubl-
jana (SI). JONES, Stuart, Michael, Ruan
[GB/GB]; 8 Pryors Orchard, Melbourn, Nr.
Royston, Herts SG8 6UT (GB).(74) MCKNIGHT, John, Crawford et al. / etc.;
Reckitt Benckiser plc, Group Patents Depart-
ment, Dansom Lane, Hull HU8 7DS (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61L 9/12, 9/04, A01M 1/20

(11) WO 2004/105819 (13) A1

(21) PCT/GB2004/002359

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 0312561.4 2 Jun/juin 2003 GB
(02.06.2003)(30) 0323788.0 10 Oct/oct 2003 GB
(10.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS FOR EMITTING A
CHEMICAL AGENT• APPAREIL D'EMISSION D'UN AGENT
CHIMIQUE(71) RECKITT BENCKISER (UK) LIMITED
[GB/GB]; 103-105 Bath Road, Slough, Berk-
shire SL1 3UH (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BUTLER, Martin [GB/GB]; Reckitt
Benckiser (UK) Limited, Dansom Lane, Hull
HU8 7DS (GB). READ, Richard [GB/GB];
Reckitt Benckiser (UK) Limited, Dan-
som Lane, Hull HU8 7DS (GB). SMITH,
Christopher [GB/GB]; 1 Clarence Mill,
Bollington, Macclesfield SK10 5GR (GB).(74) MCKNIGHT, John, Crawford et al. / etc.;
Reckitt Benckiser plc, Group Patents Depart-
ment, Dansom Lane, Hull HU8 7DS (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61L 9/22

(11) WO 2004/105820 (13) A1

(21) PCT/KR2003/001912

(22) 18 Sep/sep 2003 (18.09.2003)

(25) ko (26) en

(30) 10-2003-0034006 28 May/mai 2003 KR
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INDOOR ATMOSPHERE PURIFIER
USING ION CLUSTER
• PURIFICATEUR D'AIR INTERIEUR
UTILISANT UN FAISCEAU D'IONS(71) SUDO PREMIUM ENGINEERING CO.,
LTD. [KR/KR]; 3rd Floor, Hyung Joo Bldg.,
1451-51, Seocho-Dong, Seocho-Gu, Seoul
137-070 (KR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) AHN, Chul [KR/KR]; 202-106 Mok-
dong-2nd-Housing-Development-Apart-
ment, Mok-6th-Dong, Yangchun-Gu, Seoul
158-752 (KR). KIM, Jong-Sung [KR/KR];
312, Dangsang-dong 3-ga, Yeongdeungpo-gu,
Seoul 150-803 (KR).(74) SONG, Han-Chun; H.Song & Associates
Intellectual Property Law Firm, 2nd Floor,
Namdo building, 823-24 Yeoksam-dong,
Kangnam-gu, Seoul 135-080 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM

- TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A61L 15/24, 15/42**
- (11) **WO 2004/105821** (13) A1
- (21) PCT/GB2004/002325
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) en (26) en
- (30) 0312428.6 **30 May/mai 2003 GB**
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SCAR MANAGEMENT COMPOSITION
COMPRISING SILICONE
• COMPOSITION POUR TRAITER UNE
CICATRICE COMPRENANT DU SILI-
CONE
- (71) **MEDTRADE PRODUCTS LTD.**
[GB/GB]; Electra House, Crewe Business
Park, Crewe, Cheshire CW1 6GL (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **HARDY, Craig, Julian** [GB/GB];
Hitchen's Farm, Shocklach, Malpas, Cheshire
SY14 7BH (GB).
- (74) **QUEST, Barry et al. / etc.**; Wilson Gunn
M'caw, 5th Floor, Blackfriars House, The Par-
sonage, Manchester M3 2JA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **A61L 15/36, C08L 101/14, A61K 35/74,
C12N 1/20, A61L 15/36, C12R 1/25**
- (11) **WO 2004/105822** (13) A1
- (21) PCT/SE2004/000806
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 0301552-6 **27 May/mai 2003 SE**
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NEW PRODUCT
• NOUVEAU PRODUIT
- (71) **SCA HYGIENE PRODUCTS AB** [SE/SE];
S-405 03 GÖTEBORG (SE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72) **HUSMARK, Ulrika**; Skogsvägen 6, S-735
38 MÖLNLYCKE (SE). **GUSTAFSON, In-
grid**; Stenviksvägen 35, S-43031 ÅSA (SE).
- (74) **ALBIHNS STOCKHOLM AB**; P.O.Box
5581, Linnégatan 2, S-114 85 Stockholm
(SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51) **A61L 15/60**
- (11) **WO 2004/105823** (13) A2
- (21) PCT/US2004/009730
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 10/443,366 **22 May/mai 2003 US**
(22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HIGH PERFORMANCE ABSORBENT
STRUCTURE INCLUDING SUPERAB-
SORBENT ADDED TO A SUBSTRATE
VIA IN SITU POLYMERIZATION
• STRUCTURE ABSORBANTE HAUTE
PERFORMANCE A SUPERABSOR-
BANT AJOUTE A UN SUBSTRAT PAR
POLYMERISATION IN SITU
- (71) **KIMBERLY-CLARK WORLDWIDE,
INC.** [US/US]; 401 N. Lake Street, Neenah,
Wisconsin 54956 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **KO, Young, C.** [KR/US]; 764 Black-
moor Circle, Neenah, Wisconsin 54956 (US).
KELLENBERGER, Stanley, R. [US/US];
306 W. Lindbergh Street, Appleton, Wiscon-
sin 54911 (US).
- (74) **PETERSEN, Maxwell, J. et al. / etc.**;
Pauley Petersen & Erickson, 2800 West
Higgins Road, Suite 365, Hoffman Estates,
Illinois 60195 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **A61L 24/00, 27/44, 27/54, 27/58, 31/12,
31/14, 31/16, A61K 6/083, 9/00**
- (11) **WO 2004/105824** (13) A1
- (21) PCT/EP2004/005932
- (22) **2 Jun/juin 2004 (02.06.2004)**
- (25) en (26) en
- (30) 10/452,495 **3 Jun/juin 2003 US**
(03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A BIOABSORBABLE DELIVERY SYS-
TEM
• SYSTEME BIOABSORBABLE
D'ADMINISTRATION
- (71) **BIORETEC OY** [FI/FI]; P.O. Box,
FIN-33721 Tampere (FI).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **TÖRMÄLÄ, Pertti** [FI/FI]; Saarenkär-
jenkuja 5 As. 2, FIN-33300 Tampere (FI).
SUOKAS, Esa [FI/FI]; Nikinkatu 25 C,
FIN-33580 Tampere (FI). **VEIRANTO,
Minna** [FI/FI]; Insinöörintaku 58 C 9,
FIN-333720 Tampere (FI).
- (74) **BEEZ & PARTNER**; Steinsdorfstrasse 10,
80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **A61L 27/48**
- (11) **WO 2004/105825** (13) A1
- (21) PCT/JP2004/000103
- (22) **9 Jan/jan 2004 (09.01.2004)**
- (25) ja (26) ja
- (30) 2003-004890 **10 Jan/jan 2003 JP**
(10.01.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BIOMATERIAL FOR OSTEOGENESIS,
INJECTION PREPARATION CON-
TAINING THE MATERIAL, KIT FOR
PREPARING THE MATERIAL AND
OSTEOGENESIS METHOD USING
THE SAME
• BIOMATERIAU POUR OSTEOGE-
NESE, PREPARATION A INJEC-
TER CONTENANT LEDIT MATE-
RIAU, NECESSAIRE DE PREPARA-
TION DU MATERIAU ET PROCEDE
D'OSTEOGENESE DANS LEQUEL LE
MATERIAU EST UTILISE
- (71) **TAKI CHEMICAL CO., LTD.** [JP/JP];
2, Midorimachi, Befu-cho, Kakogawa-shi,
Hyogo, 6750124 (JP). **YAMANOUCHI
PHARMACEUTICAL CO., LTD.**

- [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo, 1038411 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAOKA, Kunio** [JP/JP]; 8-5-208, Masumi-cho, Ikeda-shi, Osaka, 5630041 (JP). **OKADA, Takao** [JP/JP]; 2081-5, Shinzaike, Hiraoka-cho, Kakogawa-shi, Hyogo, 6750101 (JP). **IMAMURA, Yukari** [JP/JP]; 4-2-22, Higashimajuku, Himeji-shi, Hyogo, 6700056 (JP). **NOZAKI, Kazutoshi** [JP/JP]; c/o YAMANOUCHI PHARMACEUTICAL CO., LTD., 21, Miyukigaoka, Tsukuba-shi, Ibaraki, 3058585 (JP). **KOKUBO, Satoshi** [JP/JP]; c/o YAMANOUCHI PHARMACEUTICAL CO., LTD., 17-1, Hasune 3-chome, Itabashi-ku, Tokyo, 1748612 (JP).
- (74) **SHOJI, Takashi**; 6F, SN Iwamotocho Bldg., 2-10, Iwamotocho 3-chome, Chiyoda-ku, Tokyo, 1010032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/IL2004/000460
- (22) **30 May/mai 2004 (30.05.2004)**
- (25) en (26) en
- (30) 10/446,811 **29 May/mai 2003 US (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **DRUG DELIVERY DEVICE AND METHOD**
- **DISPOSITIF ET PROCÉDE D'ADMINISTRATION DE MÉDICAMENT**
- (71) **NILI-MED LTD.** [IL/IL]; P.O.Box 15054, 31905 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHEKALIM, Avraham** [IL/IL]; 24 Hashoshanim St., Ramot Yitzhak, 30661 Neshet (IL).
- (74) **FRIEDMAN, Mark**; 7 Haomanim St., 67897 Tel Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) **28 May/mai 2004 (28.05.2004)**
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- (30) 103 24 415.8 **28 May/mai 2003 DE (28.05.2003)**
- (30) 103 33 098.4 **21 Jul/juil 2003 DE (21.07.2003)**
- (30) 103 33 099.2 **21 Jul/juil 2003 DE (21.07.2003)**
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- (54) • **IMPLANTS COMPRISING FUNCTIONALIZED CARBON SURFACES**
- **IMPLANT A SURFACES DE CARBONE FONCTIONNALISÉES**
- (71) **BLUE MEMBRANES GMBH** [DE/DE]; Industriepark G 359, Rheingaustrasse 190 - 196, 65203 Wiesbaden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RATHENOW, Jörg** [DE/DE]; Rheingaustrasse 119, 65203 Wiesbaden (DE). **ASGARI, Sohél** [DE/DE]; Hohenzollernstrasse 81, 80796 München (DE). **BÁN, Andreas** [DE/DE]; Roonstrasse 26, 56068 Koblenz (DE). **KUNSTMANN, Jürgen** [DE/DE]; Kronthaler Strasse 38, 65812 Bad Soden (DE). **MAYER, Bernhard** [DE/DE]; Wormser Strasse 19, 55130 Mainz (DE).
- (74) **GLAS, Holger**; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 80335 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) **28 May/mai 2004 (28.05.2004)**
- (25) es (26) es
- (30) 60/745,052 **30 May/mai 2003 US (30.05.2003)**
- (30) 10/854,567 **25 May/mai 2004 US (25.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **UNIVERSAL PNEUMATIC VENTRICULAR ASSIST DEVICE**
- **DISPOSITIF D'ASSISTANCE VENTRICULAIRE PNEUMATIQUE UNIVERSEL**
- (71) **INNOVAMEDICA S.A.** DE C.V. [MX/MX]; Moctezuma No. 26, Col. José Toriello Guerra, Del. Tlalpan, C.P.-14050 México, D.F. (MX).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **SACRISTAN ROCK, Emilio**; Cerrada del Convento No. 45-11, Santa Ursula Xitla, C.P.-14420 México, D.F. (MX). **CALDERON, Moises**; Paseo de la Soledad No. 69, La Herradura, Huixquilucan, Edo. de México (MX).
- (74) **UHTHOFF-ORIVE, Javier**; Uhthoff, Gomez Vega & Uhthoff, S.C., Hamburgo 260, Colonia Juárez, C.P.-06600 México, D.F. (MX).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 10/443,210 **22 May/mai 2003 US (22.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **DIRECT CENTRAL NERVOUS SYSTEM CATHETER AND TEMPERATURE CONTROL SYSTEM**
- **CATHETER DIRECT POUR SYSTÈME NERVEUX CENTRAL ET SYSTÈME DE COMMANDE DE TEMPERATURE**
- (71) **UAB RESEARCH FOUNDATION** [US/US]; 1530 3rd Avenue South, AB-1120G, Birmingham, AL 35294-0111 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEYTHALER, Jay, M.** [US/US]; 1811 Catala Road, Birmingham, AL 35216 (US). **PEDUZZI-NELSON, Jean, D.** [US/US]; 240 Camellia Road, Chelsea, AL 35043 (US). **MILLER, Landon, C., G.** [US/US]; 325 Queens City Avenue, Tuscaloosa, AL 35401 (US).
- (74) **GOLDSTEIN, Avery, N. et al. / etc.**; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Ave., Ste 400, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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(30) 60/472,875 23 May/mai 2003 US
(23.05.2003)
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(54) • ADJUSTABLE DEVICE DELIVERY
SYSTEM
• SYSTEME DE MISE EN PLACE DE
DISPOSITIF REGLABLE
(71, 72) BELSLEY, Scott, J. [US/US]; 501 West
113th Apt. 15E, New York City, NY 10025
(US).
(74) ANDERSON, Jeffrey; McDonnell Boehnen
Hulbert & Berghoff, 300 South Wacker, Suite
3100, Chicago, IL 60606 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
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MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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(30) 10/444,210 22 May/mai 2003 US
(22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • POLYMERIC BODY FORMATION
• FORMATION D'UN CORPS POLY-
MERE
(71) ATRIUM MEDICAL CORP. [US/US]; 5
Wentworth Drive, Hudson, NH 03051 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) HERWECK, Steve, A. [US/US]; 4
Crestwood Lane, Nashua, NH 03062 (US).
MARTAKOS, Paul [US/US]; 1 Regis Drive,
Pelham, NH 03076 (US).
-
- (74) CANNING, Kevin, J. et al. / etc.; Lahive &
Cockfield, LLP, 28 State Street, Boston, MA
02109 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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(30) 10/444,863 22 May/mai 2003 US
(22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • KINETIC ISOLATION PRESSURIZA-
TION
• APPORT CINETIQUE D'UN FLUIDE
SOUS PRESSION DANS UN SITE
ISOLE
(71) ATRIUM MEDICAL CORP. [US/US]; 5
Wentworth Drive, Hudson, NH 03051 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) HERWECK, Steve, A. [US/US]; 4
Crestwood Lane, Nashua, NH 03062 (US).
MARTAKOS, Paul [US/US]; 1 Regis Drive,
Pelham, NH 03076 (US). MOODIE, Ge-
offrey [US/US]; 12 Newcastle Drive #11,
Nashua, NH 03060 (US). LABRECQUE,
Roger [US/US]; 20 Buckingham, Drive,
Londonderry, NH 03053 (US).
(74) CANNING, Kevin, J. et al. / etc.; Lahive &
Cockfield, LLP, 28 State Street, Boston, MA
02109 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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(22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • THERAPEUTIC AGENT DELIVERY
• APPORT D'AGENT THERAPEUTIQUE
(71) ATRIUM MEDICAL CORP. [US/US]; 5
Wentworth Drive, Hudson, NH 03051 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) HERWECK, Steve, A. [US/US]; 4
Crestwood Lane, Nashua, NH 03062 (US).
MARTAKOS, Paul [US/US]; 1 Regis Drive,
Pelham, NH 03076 (US).
(74) CANNING, Kevin, J. et al. / etc.; Lahive &
Cockfield, LLP, 28 State Street, Boston, MA
02109 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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(30) 10/444,824 22 May/mai 2003 US
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(43) 9 Dec/déc 2004 (09.12.2004)
(54) • GASEOUS THERAPEUTIC AGENT
DELIVERY
• ADMINISTRATION D'UN AGENT
THERAPEUTIQUE GAZEUX
(71) ATRIUM MEDICAL CORP. [US/US]; 5
Wentworth Drive, Hudson, NH 03051 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
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Crestwood Lane, Nashua, NH 03062 (US).
MARTAKOS, Paul [US/US]; 1 Regis Drive,
Pelham, NH 03076 (US).
(74) CANNING, Kevin, J. et al. / etc.; Lahive &
Cockfield, LLP, 28 State Street, Boston, MA
02109 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ A61M
- (11) WO 2004/105835 (13) A2
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- (25) en (26) en
- (30) 60/473,046 22 May/mai 2003 US
(22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TUBULAR DEVICE FOR INSERTION INTO A HOLLOW ORGAN, AND METHOD TO FORM SAME
- DISPOSITIF TUBULAIRE PREVU POUR ETRE INSERE DANS UN ORGAN CREUX ET PROCEDE DE REALISATION DUDIT DISPOSITIF
- (71) LEADING MEDICAL RESEARCH, L.L.C. [US/US]; 3125 E. 27th Street, Tucson, AZ 85713 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RICE, Lisette, M. [US/US]; 3125 E. 27th Street, Tucson, AZ 85713 (US). BARDWELL, James [US/US]; 4619 Cooper Rd., Apt. 2, Cincinnati, OH 45242 (US).
- (74) REGELMAN, Dale F.; Law Office of Dale F. Regelman, P.C., 4231 S. Fremont Avenue, Tucson, AZ 85714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/472,516 22 May/mai 2003 US
(22.05.2003)
- (30) 60/534,946 7 Jan/jan 2004 US
(07.01.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOUNDS AND METHODS FOR IMPROVING PLATELET RECOVERY AND FUNCTION
- COMPOSES ET PROCEDES D'AMELIORATION DE LA RECUPERATION ET DE LA FONCTION PLAQUETTAIRE
- (71) CENTER FOR BLOOD RESEARCH, INC. [US/—]; 800 Huntington Avenue, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAGNER, Denisa, D. [US/US]; 35 Yorkshire Road, Dover, MA 02030 (US). BERGMEIER, Wolfgang [DE/US]; 46 Berkshire Street, Cambridge, MA 02141 (US).
- (74) GOSZ, William, G. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61M 1/02, 1/36
- (11) WO 2004/105838 (13) A2
- (21) PCT/US2004/012911
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 10/445,733 27 May/mai 2003 US
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CONTINUOUS BLOOD FILTRATION SYSTEM AND METHOD OF USE
- SYSTEME DE FILTRATION DU SANG EN CONTINU ET PROCEDE D'UTILISATION DE CELUI-CI
- (71) HAEMONETICS CORPORATION [US/US]; 400 Wood Road, Braintree, MA 02184 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAGUSA, Michael [US/US]; 4 Willow Circle, Hingham, MA 02043 (US).
- (74) SUNSTEIN, Bruce, D. et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61M 5/142, 5/165
- (11) WO 2004/105839 (13) A1
- (21) PCT/GB2003/002339
- (22) 29 May/mai 2003 (29.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMPLANTABLE PUMP
- POMPE IMPLANTABLE
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- (51)⁷ A61M
- (11) WO 2004/105836 (13) A2
- (21) PCT/US2004/017000
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en

- (71, 72) GILL, Steven, Streatfield [GB/GB]; North Bristol NHS Trust, Frenchay Hospital, Frenchay Park Road, Bristol BS16 1LE (GB).
- (74) TOMBLING, Adrian, George et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/315
- (11) WO 2004/105840 (13) A1
- (21) PCT/FR2004/001294
- (22) 25 May/mai 2004 (25.05.2004)
- (25) fr (26) fr
- (30) 03/06334 26 May/mai 2003 FR (26.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PRE-FILLED SYRINGE WITH ANTI-TAMPER CAP
- SERINGUE PRE-REMPLEIE AVEC COIFFE ANTI-EFFRACTION
- (71) BECTON DICKINSON FRANCE [FR/FR]; 11, rue Aristide Bergès, F-38800 Pont de Claix (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PEROT, Frédéric [FR/FR]; 36, quai de France, F-38000 Grenoble (FR). FELIX-FAURE, Catherine [FR/FR]; 39, rue du Drac, F-38000 Grenoble (FR). GRIMARD, Jean-Pierre [FR/FR]; 14, rue du Nord, F-38450 Vif (FR).
- (74) CABINET GERMAIN & MAUREAU; Boîte postale 6153, F-69466 Lyon Cedex 06 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61M 5/315
- (11) WO 2004/105841 (13) A1
- (21) PCT/GB2004/002283
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 03/12239.7 29 May/mai 2003 GB (29.05.2003)
- (30) 03/18485.0 7 Aug/août 2003 GB (07.08.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYRINGE WITH LOCKING MEMBER
- SERINGUE A ELEMENT VERROUILLANT
- (71) INTRA-TECH HEALTHCARE LIMITED [GB/GB]; 732/735 Tudor Estate, Abbey Road, Park Royal, London NW10 7UN (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLOOM, Adam [GB/GB]; Flat C, 40 Blemheim Gardens, Willseden Green, London NW2 4NF (GB). HAMLING, Karen [GB/GB]; Flat C, 40 Blemheim Gardens, Willseden Green, London NW2 4NF (GB).
- (74) MURGITROYD & COMPANY; 165-169 Scotland Street, Glasgow G5 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61M 5/32
- (11) WO 2004/105842 (13) A1
- (21) PCT/GB2004/002160
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 03/12036.7 27 May/mai 2003 GB (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYRINGES WITH RESTRICTOR
- SERINGUES DOTEES D'UN REDUCTEUR DE DEBIT
- (71) NMT GROUP PLC [GB/GB]; New Medical House, Oakbank Park, Livingston, West Lothian EH53 0TH (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DONNAN, Jeremy, Francis [GB/GB]; Bueteland Farmhouse, Cockburnhill Road, Balerno, Edinburgh EH14 7JJ (GB). TARGELL, John [GB/GB]; Craigie Byre, Craigie, Kilmarnock, Ayrshire KA1 5NH (GB).
- (74) WARREN, Keith, Stanley et al. / etc.; Baron & Warren, 19 South End, Kensington, London W8 5BU (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61M 15/00
- (11) WO 2004/105844 (13) A1
- (21) PCT/JP2004/006896
- (22) 14 May/mai 2004 (14.05.2004)
- (25) ja (26) ja
- (30) 2003-150899 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INHALATION TYPE DOSING DEVICE

• DOSEUR DU TYPE A INHALATION

(71) **HITACHI UNISIA AUTOMOTIVE, LTD.** [JP/JP]; 1370, Onna, Atsugi-shi, Kanagawa 243-8510 (JP). **DOTT LIMITED COMPANY** [JP/JP]

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHKI, Hisatomo** [JP/JP] **NAKAMURA, Shigemi** [JP/JP] **ISHIZEKI, Kazunori** [JP/JP] **YANAGAWA, Akira** [JP/JP]

(74) **MIYOSHI, Hidekazu**; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 16/00

(11) WO 2004/105845 (13) A1

(21) PCT/IB2004/050732

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/453,801 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PORTABLE RESPIRATORY DIAGNOSTIC DEVICE

• DISPOSITIF PORTATIF DE DIAGNOSTIC RESPIRATOIRE

(71, 72) **MILLER, Thomas, P.** [US/US]; 3123 Uplands, S.E., Grand Rapids, MI 49506 (US).

(74) **BONDARENKO, Gregory, P.** et al. / etc.; WARNER NORCROSS & JUDD LLP, 900 Fifth Third Center 111 Lyon Street, N.W., Grand Rapids, MI 49503-2487 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61M 16/06, 16/16, 11/02

(11) WO 2004/105846 (13) A2

(21) PCT/DE2004/001065

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 22 964.7 21 May/mai 2003 DE (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTROL DEVICE FOR ANTI-SNORING APPARATUS AND AN ANTI-SNORING APPARATUS, FOR EXAMPLE FOR COPD TREATING

• DISPOSITIF DE COMMANDE D'UN APPAREIL ANTI-RONFLEMENT ET APPAREIL ANTI-RONFLEMENT PAR EX. DESTINE A LA THERAPIE DE BPCO

(71) **SELEON GMBH** [DE/DE]; Gebäude 333, Brauereistr. 13, 06847 Dessau (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAECKE, Martin** [DE/DE]; Lindenstr. 7, 06847 Dessau (DE). **GENGER, Harald** [DE/DE]; Kornhausstrasse 77, 06846 Dessau (DE). **SCHNEIDER, Hartmut** [DE/US]; 1507 Norman Ave., Lutherville, MD 21093 (US).

(74) **HELLMICH, Wolfgang**; Ernsbergerstrasse 14, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 16/08, 16/10, H05B 3/56

(11) WO 2004/105847 (13) A1

(21) PCT/US2004/016386

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 10/447,178 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HEATED WIRE RESPIRATORY CIRCUIT

• CIRCUIT RESPIRATOIRE A FIL CHAUFFANT

(71) **HUDSON RESPIRATORY CARE INC.** [US/US]; P.O. Box 9020, 27711 Diaz Road, Temecula, CA 92589-9020 (US). **GLEESON, James, B.** [US/US]; 1193 Westwood Avenue, Columbus, Ohio 43212 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCOTT, Kenneth, B.** [US/US]; 541 Hackberry Drive, Westerville, Ohio 43081 (US).

(74) **HART, Daniel**; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61M 16/10

(11) WO 2004/105848 (13) A1

(21) PCT/GB2004/002285

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312473.2 30 May/mai 2003 GB (30.05.2003)

(30) 0320193.6 28 Aug/août 2003 GB (28.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HEATERS FOR BREATHING TUBES

• DISPOSITIFS DE RECHAUFFEMENT POUR TUBES DE RESPIRATION

(71) **E.M.E. (ELECTRO MEDICAL EQUIPMENT) LIMITED** [GB/GB]; 3 Welton Road, Warwick, Warwickshire CV34 5TZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORNER, Stuart** [GB/GB]; 39 Lambourn Avenue, Stone Cross, Pevensy, East Sussex BN24 5PQ (GB). **BERWICK, Paul** [GB/GB]; 102 Sydney Road, Eastbourne, East Sussex BN22 8BJ (GB).

(74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61M 25/00

(11) WO 2004/105849 (13) A1

(21) PCT/JP2004/007564

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-153431 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BENDABLE TUBE AND METHOD OF MANUFACTURING THE SAME

• TUBE PLIABLE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 4-1-8, Hon-cho, Kawaguchi-shi, Saitama 3320012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ESASHI, Masayoshi [JP/JP]; 1-11-9, Yagiyamaminami, Taihaku-ku, Sendai-shi, Miyagi 9820807 (JP). HAGA, Yoichi [JP/JP]; 1-2-5-903, Kokubun-cho, Aoba-ku, Sendai-shi, Miyagi 9800803 (JP). MIZUSHIMA, Masanori [JP/JP]; 3-1-40-101, Yagiyamaminami, Taihaku-ku, Sendai-shi, Miyagi 9820807 (JP). MATSUNAGA, Tadao [JP/JP]; A-202, 6-20-1, Nakayama, Aoba-ku, Sendai-shi, Miyagi 9810952 (JP).

(74) HIRAYAMA, Kazuyuki; 6th Floor, Shinjuku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 25/00

(11) WO 2004/105850 (13) A1

(21) PCT/US2004/016595

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 60/473,683 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HIGH PRESSURE CATHETER AND METHODS FOR MANUFACTURING THE SAME

• CATHETER A HAUTE PRESSION ET PROCEDES DE FABRICATION DE CE CATHETER

(71) C.R. BARD, INC. [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) KING, Eric; 3001 Chimney Rock Circle, West Jordan, UT 84084 (US). WORTLEY, Ron; 2680 Roxbury Circle, Salt Lake City, UT 84108 (US). DIAMOND, Jordan, P.; 2552 South, 1300 East, Salt Lake City, UT 84106 (US).

(74) WIGHT, Todd, W. et al. / etc.; Morrison & Foerster LLP, 555 W. Fifth Street, Suite 3500, Los Angeles, CA 90013 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61M 25/00

(11) WO 2004/105851 (13) A1

(21) PCT/US2004/004781

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 10/443,227 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BALLOON WITH IMPROVED RETENTION

• BALLONNET DE CATHETER A RETENUE AMELIOREE

(71) SCIMED LIFE SYSTEMS INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

(72) BURGMEIER, Robert; 2740 Garland Lane North, Plymouth, MN 55447 (US). GOODIN, Richard; 12801 Harpers St. N.E., Blaine, MN 55449 (US).

(74) URZEDOWSKI, James, M.; Vidas, Arrett & Steinkraus, P.A., 6109 Blue Circle Drive, Suite 2000, Minnetonka, MN 55343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61M 29/02

(11) WO 2004/105852 (13) A1

(21) PCT/KR2003/001077

(22) 2 Jun/juin 2003 (02.06.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A CYLINDRICAL STENT

• IMPLANT ENDOVASCULAIRE CYLINDRIQUE

(71) S & G BIOTECH, INC. [KR/KR]; 771-4, Jayang 1-Dong, Gwangjin-Gu, 143-853 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANG, Sung-Gwon [KR/KR]; 105-801 Hansol Noble Village, Jukjeon-Li, Suji-Eup, Yongin-Si, 449-845 Gyeonggi-Do (KR).

KIM, Eun-Sang [KR/KR]; 1707 Donga Core, 563 Cheonho 4-Dong, Gangdong-Gu, 134-024 Seoul (KR).

(74) CHO, Hwal-Rai; Suite No. 1507 Yoksam Heights Bldg, 642-19, Yoksam-Dong, Kangnam-Gu, Seoul 135-981 (KR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61M 29/02

(11) WO 2004/105853 (13) A1

(21) PCT/KR2003/001078

(22) 2 Jun/juin 2003 (02.06.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A CYLINDRICAL STENT

• TUTEUR CYLINDRIQUE

(71) S & G BIOTECH, INC. [KR/KR]; 771-4, Jayang 1-Dong, Gwangjin-Gu, Seoul 143-853 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANG, Sung-Gwon [KR/KR]; 105-801 Hansol Noble Village, Jukjeon-Li, Suji-Eup, Yongin-Si, Gyeonggi-Do 449-845 (KR). KIM, Eun-Sang [KR/KR]; 1707 Donga Core, 563 Cheonho 4-Dong, Gangdong-Gu, Seoul 134-024 (KR).

(74) CHO, Hwal-Rai; Suite No. 1507 Yoksam Heights Bldg, 642-19, Yoksam-Dong, Kangnam-Gu, Seoul 135-981 (KR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61M 31/00, A61K 9/00, 9/70

(11) WO 2004/105854 (13) A1

(21) PCT/CA2004/000815

(22) 3 Jun/juin 2004 (03.06.2004)

(25) en (26) en

(30) 10/452,913 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE AND METHOD FOR DISPENSING MEDICATION TO TISSUE LINING A BODY CAVITY

• DISPOSITIF ET PROCEDE SERVANT A DISTRIBUER UNE SUBSTANCE MEDICAMENTEUSE A DES TISSUS ENTOURANT UNE CAVITE CORPORELLE

(71) NADLER, Joseph [CA/CA]; 1 Post Road, Toronto, Ontario M2B 3R4 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KAPLON, Ilya [CA/CA]; 525 Lawrence Avenue West, #105, Toronto, Ontario M6A 3E1 (CA).

(only for / seulement pour US)

(74) EISEN, Mark, B. et al. / etc.; Dimock Stratton LLP, Suite 3202, Box 102, 20 Queen St. W., Toronto, Ontario M5H 3R3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61M 31/00

(11) WO 2004/105855 (13) A1

(21) PCT/US2004/011718

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/445,512 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLEXIBLE DELIVERY DEVICE

• DISPOSITIF D'ADMINISTRATION
FLEXIBLE

(71) CARDIA, INC. [US/US]; 13770 Frontier
Court, Burnsville, MN 55337 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CORCORAN, Michael, P. [US/US];
c/o CARDIA, INC., 13770 Frontier Court,
Burnsville, MN 55337 (US). MARINO,
Joseph, A. [US/US]; c/o CARDIA, INC.,
13770 Frontier Court, Burnsville, MN 55337
(US).

(74) BERGMAN, Alana, T. et al. / etc.; c/o
KINNEY & LANGE, P.A., 312 South Third
Street, Minneapolis, MN 55415-1002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61M 39/12, 5/19

(11) WO 2004/105856 (13) A1

(21) PCT/CH2004/000318

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 979/03 3 Jun/juin 2003 CH
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE FOR CONNECTING A
TUBULE TO A MIXER

• DISPOSITIF POUR RACCORDER UNE
TUBULE A UN MELANGEUR

(71) MIXPAC SYSTEMS AG [CH/CH]; Grund-
strasse 12, CH-6343 Rotkreuz (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KELLER, Wilhelm A. [CH/CH]; Obst-
garten 9, CH-6402 Merlischachen (CH).

(74) AMMANN PATENTANWALTE AG;
Schwarztorstrasse 31, Postfach, CH-3001
Bern (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61M 39/20, 39/22, A61J 15/00

(11) WO 2004/105857 (13) A1

(21) PCT/US2004/015798

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/444,497 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MEDICAL CONNECTOR HAVING A
FIRST CAP AND A SECOND CAP

• CONNECTEUR MEDICAL EQUIPE
D'UN PREMIER ET D'UN SECOND
COUVERCLE

(71) ICU MEDICAL, INC. [US/US]; 951 Calle
Amanecer, San Clemente, CA 92673 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ISHI, Jerry, Seiichi [US/US]; 26962 El
Retiro, Mission Viejo, CA 92692 (US). BUR-
CAR, Alison, Diana [US/US]; 262 Jasmine
#4, Laguna Beach, CA 92651 (US). BEN-
NETT, Rita, R.N. [US/US]; 911 Avenida
Presidio, San Clemente, CA 92672 (US).

(74) NATAUPSKY, Steven, J.; Knobbe,
Martens, Olson and Bear, LLP, 2040 Main
Street, Fourteenth Floor, Irvine, CA 92614
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61N

(11) WO 2004/105858 (13) A2

(21) PCT/US2004/013297

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/445,614 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VIRUS RETARDATION METHOD AND
APPARATUS

• PROCEDE ET APPAREIL DE RETAR-
DEMENT D'UN VIRUS

(71, 72) TARLANO, John, P. [US/US]; 6912
Sydenstricker Road, Springfield, VA 22152
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61N

(11) WO 2004/105859 (13) A2

(21) PCT/US2004/014527

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/473,237 24 May/mai 2003 US
(24.05.2003)

(30) 10/714,824 17 Nov/nov 2003 US
(17.11.2003)

(30) 60/552,018 9 Mar/mar 2004 US
(09.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SKIN TANNING AND LIGHT THER-
APY SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE BRON-
ZAGE ET DE PHOTOTHERAPIE

(71) LEDEEP, LLC [US/US]; 1223 Peoples Av-
enue, Troy, NY 12180 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FISET, Peter, Depew [US/US]; 5 Upper
Loudon Road, Loudonville, NY 12211 (US).

(74) MAEBIUS, Stephen, B. et al. / etc.; Foley
& Lardner LLP, Washington Harbour, 3000
K Street, N.W., Washington, DC 20007-5143
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N

(11) WO 2004/105860 (13) A2

(21) PCT/US2004/016190

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/474,387 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS OF USING NITROXIDES IN CONJUNCTION WITH PHOTOSENSITIZERS AND SONOSENSITIZERS

• METHODES D'UTILISATION DE NITROXYDES CONJOINTEMENT AVEC DES PHOTOSENSIBILISANTS ET DES SONOSENSIBILISANTS

(71) MITOS PHARMA, INC. [US/US]; 3 Civic Plaza, Suite 200, Newport Beach, CA 92660 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHANG, Kenneth [US/US]; 13015 San Salvador Place, Cerritos, CA 92868 (US). HABASH, Louis [US/US]; 12 Sugar Pine, Newport Coast, CA 92657 (US).

(74) HART, Daniel; Knobbe Martens Olson & Bear LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61N

(11) WO 2004/105861 (13) A2

(21) PCT/US2004/016593

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 10/447,187 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR TREATING SKIN AND UNDERLYING TISSUE

• PROCEDE DE TRAITEMENT DE LA PEAU ET DE TISSUS SOUS-JACENTS

(71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNOWLTON, Edward, W. [US/US]; 5478 Blackhawk Drive, Danville, CA 94506 (US). LEVINSON, Mitchell; 7924 Spyglass Court, Pleasanton, CA 94588 (US). POPE, Karl [US/US]; 222 23rd Avenue, San Mateo, CA 94403 (US).

(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N

(11) WO 2004/105862 (13) A2

(21) PCT/US2004/017224

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,737 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MEASURING HUMAN HEART MUSCLE VIABILITY USING MYOCARDIAL ELECTRICAL IMPEDANCE

• MESURE DE LA VIABILITE DU COEUR HUMAIN AU MOYEN DE L'IMPEDANCE ELECTRIQUE DU MYOCARDE

(71) THE OHIO STATE UNIVERSITY [US/US]; Office for Technology Licensing, 1960 Kenny Road, Columbus, OH 43210 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DZWONCZYK, Roger, R. [US/US]; 178 West Dunedin Road, Columbus, OH 43214 (US). DEL RIO, Carlos, L. [ES/ES]; 1776 Kings Ct. B., Columbus, OH 43212 (US). MCCONNELL, Patrick, I. [US/US]; 3587 Prestwick Court, Columbus, OH 43220 (US). HOWIE, Michael, B. [US/US]; 4100 Edgemoor Drive, Columbus, OH 43220 (US).

(74) FOSTER, Frank, H. et al. / etc.; Kremblas, Foster, Phillips & Pollick, 7632 Slate Ridge Blvd., Reynoldsburg, OH 43068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61N 1/04, 1/22, 1/32, A61B 5/0408

(11) WO 2004/105863 (13) A1

(21) PCT/IB2004/001766

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312517.6 31 May/mai 2003 GB (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • EMBROIDERED ELECTRODE

• ÉLECTRODE BRODÉE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENNETT, Genevieve [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). CLARKE, Philip, A., H. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). VALENTINE, Warren, B. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(74) WHITE, Andrew, G.; c/o Philips Intellectual Property & Stan, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ A61N 1/30, A61F 9/00

(11) WO 2004/105864 (13) A1

(21) PCT/IB2004/002052

(22) 3 Jun/juin 2004 (03.06.2004)

(25) en (26) en

(30) 03/06677 3 Jun/juin 2003 FR
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • OCULAR DEVICE FOR CURRENT
CONTROLLED VARIABLE DELIVERY
OF ACTIVE PRINCIPLES

- DISPOSITIF OCULAIRE PERMET-
TANT L'ADMINISTRATION DE PRIN-
CIPES ACTIFS MODULEE PAR UN
COURANT

(71) OPTIS FRANCE S.A. [FR/FR]; 52, rue du
Théâtre, F-75015 Paris (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROY, Pierre [FR/FR]; 8, pas-
sage du Plateau, F-75019 Paris (FR).
KLEINSINGER, Alain [FR/FR]; 194,
Boulevard Bineau, F-92200 Neuilly Sur
Seine (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabi-
net Regimbeau, 20, rue de Chazelles, F-75847
Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61N 1/30, A61K 9/00, 9/70, C25B 7/00

(11) WO 2004/105865 (13) A1

(21) PCT/IL2004/000468

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 60/474,596 2 Jun/juin 2003 US
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • KIT, DEVICE AND METHOD FOR
CONTROLLED DELIVERY OF OXI-
DIZING AGENT INTO THE SKIN

- KIT, DISPOSITIF ET PROCÉDE DE
LIBERATION CONTROLEE TRANS-
CUTANEE D'OXYDANT

(71) POWER PAPER LTD. [IL/IL]; P.O.Box 12,
49910 Kibbutz Einat (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAMARKIN, Dov [IL/IL]; 537 Har
Hila Street, 71908 Maccabim (IL). MAVOR,
Daniela [IL/IL]; 36 Striker Street, 62006
Tel Aviv (IL). HAREL, Nurit [IL/IL]; 5
Benayahu Street, 69084 Tel Aviv (IL). AR-
BEL, Giora [IL/IL]; 5 David Hamelech
Street, 44430 Kfar Saba (IL). NITZAN, Zvi
[IL/IL]; 70 Ha'ilanot Street, 44925 Zofit (IL).
LUSKI, Shalom [IL/IL]; 10 Alkalai Street,
76304 Rehovot (IL). GROSS, Yossi [IL/IL];
Moshav Mazor 205, 73160 (IL).

(74) REINHOLD COHN AND PARTNERS;
P.O.Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61N 1/30, 5/06, A61B 8/12, A61N 5/067,
A61B 5/00

(11) WO 2004/105866 (13) A1

(21) PCT/US2004/015970

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/445,389 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • LIGHT CATHETER FOR ILLUMINAT-
ING TISSUE STRUCTURES

- CATHETER LUMINEUX DESTINE A
ECLAIRER DES STRUCTURES TISSU-
LAIRES

(71) EMBRO CORPORATION [US/US]; 2460
Highway 100 South, St. Louis Park, MN
55416 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72) KNIGHTON, David; 3846 Zenith Ave-
nue South, Minneapolis, MN 55410 (US).
FIEGEL, Vance; 1401 Mississippi Street,
New Brighton, MN 55112 (US).

(74) WILES, Terry et al. / etc.; Popovich, Wiles
& O'Connell, P.A., 650 Third Avenue South,
Suite 600, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61N 1/32, 1/20, 5/06, 5/067

(11) WO 2004/105867 (13) A1

(21) PCT/EP2004/003702

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 24 368.2 27 May/mai 2003 DE
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • DEVICE FOR THE TREATMENT OF A
HERPES DISEASE

- DISPOSITIF POUR TRAITER UNE AF-
FECTION HERPETIQUE

(71, 72) BRODERSEN, Jens, P. [DE/DE];
Friedenstrasse 11, 30175 Hannover (DE).

(74) LEINE & WAGNER; Burckhardtstrasse 1,
30163 Hannover (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A61N 1/32

(11) WO 2004/105868 (13) A1

(21) PCT/IB2004/001760

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/448,468 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD AND APPARATUS FOR
SKIN ABSORPTION ENHANCEMENT

AND TRANSDERMAL DRUG DELIVERY OF LIDOCAINE AND/OR OTHER DRUGS

- PROCEDE ET APPAREIL POUR L'AMELIORATION DE L'ABSORPTION CUTANEE ET L'ADMINISTRATION TRANSDERMIQUE DE LIDOCAINE ET/OU D'AUTRES MEDICAMENTS

(71) **MATTIOLI ENGINEERING LTD.** [GB/GB]; 10 London Mews, London W2 1HY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNABEI, Gian Franco** [IT/IT]; Via Delle Mantellate, 14, I-50129 Florence (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ A61N 1/39

(11) **WO 2004/105869** (13) A2

(21) PCT/FR2004/001244

(22) **19 May/mai 2004 (19.05.2004)**

(25) fr (26) fr

(30) 03/06193 **22 May/mai 2003 FR (22.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEFIBRILLATOR WITH TWO OPERATING MODES

- DEFIBRILLATEUR A DEUX MODES DE FONCTIONNEMENT

(71) **SCHILLER MEDICAL** [FR/FR]; 4, rue Louis Pasteur, F-67160 Wissembourg (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHILLER, Alfred, E.** [CH/CH]; Altgasse 68, CH-6341 Baar (CH). **CANSELL, Albert** [FR/FR]; 7, rue du Berger, Altenstadt, F-67160 Wissembourg (FR).

(74) **METZ, Paul**; Cabinet Metz Patni, 63, rue de la Ganzau, B.P. 63, F-67024 Strasbourg Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 1/39, 1/365

(11) **WO 2004/105870** (13) A1

(21) PCT/JP2004/007568

(22) **26 May/mai 2004 (26.05.2004)**

(25) ja (26) ja

(30) 2003-155531 **30 May/mai 2003 JP (30.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HEART TREATMENT APPARATUS AND HEART TREATMENT METHOD

- APPAREIL DE TRAITEMENT CARDIAQUE ET PROCEDE DE TRAITEMENT CARDIAQUE

(71) **TERUMO CORPORATION** [JP/JP]; 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUI, Yoshihito** [JP/JP]; c/o Terumo Corporation, 1500, Inokuchi, Nakai-machi, Ashigarakami-gun, Kanagawa 259-0151 (JP).

(74) **TSUNODA, Yoshisue et al.** / etc.; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 1/39, A61B 5/0245

(11) **WO 2004/105871** (13) A1

(21) PCT/US2004/017229

(22) **28 May/mai 2004 (28.05.2004)**

(25) en (26) en

(30) 60/474,323 **29 May/mai 2003 US (29.05.2003)**

(30) 10/856,084 **27 May/mai 2004 US (27.05.2004)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR DISCRIMINATING BETWEEN VENTRICULAR AND SUPRAVENTRICULAR ARRHYTHMIAS

- PROCEDE PERMETTANT DE DISTINGUER ENTRE ARYTHMIES VENTRICULAIRES ET SUPRAVENTRICULAIRES

(71) **CAMERON HEALTH, INC.** [US/US]; 905 Calle Amanecer, Suite 300, San Clemente, CA 92673 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSTROFF, Alan, H.** [US/US]; 3510 Tres Rios, San Clemente, CA 92673 (US). **WARREN, Jay, A.** [US/US]; 30522 Via Andulucia, San Juan Capistrano, CA 92675 (US). **BARDY, Gust, H.** [US/US]; 2518 Constance Drive West, Seattle, WA 98119 (US).

(74) **CROMPTON, David, M.**; Crompton, Seager & Tufte, LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, MN 55403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61N 2/06, A41B 9/00, A61H 39/00

(11) **WO 2004/105872** (13) A1

(21) PCT/AU2004/000707

(22) **3 Jun/juin 2004 (03.06.2004)**

(25) en (26) en

(30) 2003902819 **3 Jun/juin 2003 AU (03.06.2003)**

(30) 2003904676 **29 Aug/août 2003 AU (29.08.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF AND APPARATUS FOR MAGNETIC THERAPY

- PROCEDE ET APPAREIL DE TRAITEMENT MAGNETIQUE

(71) **BIOMED HOLDINGS PTY LTD** [AU/AU]; PO Box 1012, Nerang, QLD 4211 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHN, Edward, Vines** [AU/AU]; 12 Pago Terrace, Pacific Pines QLD 4211 (AU).

(74) **AHEARN FOX**; Patent & Trade Mark Attorneys, Level 4, T & G Building, 141 Queen Street, Brisbane, QLD 4001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 5/01

(11) WO 2004/105873 (13) A1

(21) PCT/CA2004/000802

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2,429,906 28 May/mai 2003 CA (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTROLLABLE LIGHT THERAPY APPARATUS, ASSEMBLY INCLUDING THE SAME, AND METHOD OF OPERATING ASSOCIATED THERETO
• APPAREIL DE PHOTOTHERAPIE CONTROLABLE, ENSEMBLE CONTENANT CET APPAREIL ET PROCEDE D'UTILISATION CORRESPONDANT

(71) FLIP4 INC. [CA/CA]; 2141 Léonard de Vinci, Sainte Julie, Québec J3E 1Z3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERCIER, Charles [CA/CA]; 1111 rue Franquet, Mont-Saint-Hilaire, Québec J3H 5E3 (CA). BRODEUR, Jennifer [CA/CA]; 1111 rue Franquet, Mont-Saint-Hilaire, Québec J3H 5E3 (CA). MORI, Tony [CA/CA]; 55 boul. René A. Robert, Sainte-Thérèse, Québec J7E 1V9 (CA).

(74) ROBIC; Leger Robic Richard, CDP Capital Center, 1001, Victoria Square, Bloc E - 8th Floor, Montreal, Quebec H2Z 2B7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 5/06

(11) WO 2004/105874 (13) A2

(21) PCT/EP2004/005719

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) 103 24 644.4 28 May/mai 2003 DE (28.05.2003)

(30) 103 49 710.2 23 Oct/oct 2003 DE (23.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MICRO-ORGANISM-REDUCING DEVICE
• DISPOSITIF PERMETTANT DE REDUIRE LE NOMBRE DE MICRO-ORGANISMES

(71) HELBO PHOTODYNAMIC SYSTEMS GMBH & CO. KG [AT/AT]; Am Stadtplatz 30, A-4710 Grieskirchen (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIZETHUM, Freimut [DE/DE]; Alberichstrasse 86, 68199 Mannheim (DE). SCHÜTZE, Reinhold [AT/AT]; Badgasse 3 A, A-4800 Attnang-Puchheim (AT).

(74) REBLE, KLOSE & SCHMITT; Patente + Marken, Postfach 12 15 19, 68066 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ A61N 5/06

(11) WO 2004/105875 (13) A1

(21) PCT/KR2004/001137

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10-2003-0034231 29 May/mai 2003 KR (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FUNCTIONAL FOOT WRAPPER
• ENVELOPPE FONCTIONNELLE POUR LE PIED

(71) KIM, Sang, Seop [KR/KR]; Taepyeong 2-cha Apt. 102-601, Dongchun 1-dong,, Yeonsu-gu, Incheon, 406-702 (KR).

(74) YANG, Gun, Sik; #509 Junggok B/D., 1705 Secho-dong, Secho-gu, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 5/067

(11) WO 2004/105876 (13) A1

(21) PCT/JP2004/005851

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-127903 6 May/mai 2003 JP (06.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CIRCULATION PROMOTING LASER IRRADIATION DEVICE
• DISPOSITIF D'IRRADIATION PAR LASER FAVORISANT LA CIRCULATION

(71) TERUMO KABUSHIKI KAISHA [JP/JP]; 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHII, Takeo [JP/JP]; c/o TERUMO KABUSHIKI KAISHA, 1500, Inokuchi, Nakai-machi, Ashigarakami-gun, Kanagawa 2590151 (JP). HORIUCHI, Kunio [JP/JP]; c/o TERUMO KABUSHIKI KAISHA, 1500, Inokuchi, Nakai-machi, Ashigarakami-gun, Kanagawa 2590151 (JP).

(74) HATTA, Mikio et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 1020084 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A62B 1/22

(11) WO 2004/105877 (13) A1

(21) PCT/DE2004/001049

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 24 138.8 26 May/mai 2003 DE (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PNEUMATIC JUMP RESCUE APPARATUS
• TOILE DE SAUVETAGE PNEUMATIQUE

(71) MANFRED VETTER GMBH & COMP. [DE/DE]; Blatzheimer Str. 10-12, 53905 Zülpich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VETTER, Manfred [DE/DE]; Burg Langendorf, 53909 Zülpich (DE).

(74) BAUER, Wulf et al. / etc.; Lindenallee 43, 50968 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A62B 7/08

(11) WO 2004/105878 (13) A1

(21) PCT/US2004/016980

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/449,918 29 May/mai 2003 US (29.05.2003)

(30) 60/534,329 5 Jan/jan 2004 US (05.01.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS FOR DISPERSING VOLATILE MATERIALS INTO THE ENVIRONMENT
• APPAREIL DE DISPERSION DE MATIERES VOLATILES DANS L'ENVIRONNEMENT

(71) THE HOLMES GROUP, INC. [US/US]; 1 Holmes Way, Milford, MA 01757-1516 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) THOMPSON, Stanley, O. [US/US]; 92 Town Farm Road, New Boston, NH 03070 (US). SILVEIRA, Richardo [US/US]; 85 North Street, Bridgewater, MA 02324 (US). BOSSA, David [US/US]; 55 Hazel Street, Uxbridge, MA 01596 (US). JAYARAM, Jaideep [US/US]; 62 Silver Hill Road, Milford, MA 01757 (US). CHANG, Bruce [CN/US]; N^o 947 Lin Sen Road, 413 Wu-Wong, Tai-Chung, Taiwan (TW). WESTRING, Brice, Daniel [US/US]; 5674 Glen Oaks Drive, Mason, OH 45040 (US). FANTA, Keith [US/US]; 5767 Kempton Court, Liberty Township, OH 45044 (US). BUSH, Stephan, G. [US/US]; 6426 Cedar Hill Drive, Hamilton, OH 45011 (US). TRACY, James, J. [US/US]; 864 Oak Hill Avenue, Attelboro, MA 02703 (US). MAK, Chi Kin John [—/CN]; 9B, Kiu Hong Building, 3-5 Tin Lok Lane, Wan Chai, Hong Kong (CN).

(74) HOFFMANN, Charles, R. et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A62B 9/02 // 18/02

(11) WO 2004/105879 (13) A1

(21) PCT/NO2004/000156

(22) 1 Jun/juin 2004 (01.06.2004)

(25) no (26) en

(30) 20032477 2 Jun/juin 2003 NO (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A PORTABLE BREATHING APPARATUS
• APPAREIL RESPIRATOIRE PORTABLE

(71) OTTESTAD BREATHING SYSTEMS AS [NO/NO]; Kalvetangvn. 81, N-3132 Husøy-sund (NO). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) OTTESTAD, Nils, T. [NO/NO]; Lyn-gvn. 27, N-3118 Tonsberg (NO).

(74) TANDBERGS PATENTKONTOR AS; Boks 7085, N-0306 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A62B 17/00

(11) WO 2004/105880 (13) A1

(21) PCT/EP2004/004932

(22) 8 May/mai 2004 (08.05.2004)

(25) de (26) de

(30) 103 25 057.3 2 Jun/juin 2003 DE (02.06.2003)

(30) 103 27 994.6 21 Jun/juin 2003 DE (21.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOOD FOR PROTECTIVE GARMENT
• CAPUCHE POUR VETEMENT DE PROTECTION

(71) BLÜCHER GMBH [DE/DE]; Mettmanner Strasse 25, 40699 Erkrath (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HOFMANN, Marianne [DE/DE]; Mülheimerstrasse 23, 40239 Düsseldorf (DE).

(74) GESTHUYSEN, VON ROHR & EGGERT; Huyssenallee 100, 45128 Essen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A62B 18/00

(11) WO 2004/105881 (13) A1

(21) PCT/EP2004/006065

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0306499 28 May/mai 2003 FR (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD AND APPARATUS FOR PROTECTING AIRPLANE PASSENGERS AGAINST HYPOXIA
• PROCEDE ET APPAREIL POUR LA PROTECTION CONTRE L'HYPOXIE DES PASSAGERS D'UN AERONEF

(71) INTERTECHNIQUE [FR/FR]; 61, rue Pierre Curie, F-78373 Plaisir Cedex (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BARDEL, Michel [FR/FR]; 13, rue Mercantour, F-78310 Maurepas (FR). BLOCH, Nicholas [FR/FR]; 5, rue Joseph Le Guay, F-92260 Fontenay Aux Roses (FR). MAROTTE, Henri [FR/FR]; 3, Place de la Fontaine, F-91310 Longpont Sur Orge (FR).

(74) BURBAUD, Eric et al. / etc.; Cabinet Plasseraud, 65/67 Rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A62B 18/02

(11) WO 2004/105882 (13) A1

(21) PCT/CN2003/000449

- (22) 9 Jun/juin 2003 (09.06.2003)
 (25) zh (26) zh
 (30) 03126689.4 27 May/mai 2003 CN
 (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • GAS DEFENSE RESPIRATOR
 • RESPIRATEUR DE PROTECTION
 CONTRE LES GAZ
- (71, 72) YANG, Dongzuo [CN/CN]; Shixi Mansion, No.6 Economic Development District, Li Clan, Wusha, Chang'an Town, 523860 Dongguan City, Guangdong Province (CN).
- (74) ADVANCE CHINA I.P. LAW OFFICE; WU, Jialing, Suite 918-920, 9/F., Dong Shan Plaza, No.69 Xianlie Central Road, 510095 Guangzhou City, Guangdong Province (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A62B 18/02
 (11) WO 2004/105883 (13) A1
 (21) PCT/CN2004/000413
 (22) 27 Apr/avr 2004 (27.04.2004)
 (25) zh (26) zh
 (30) 03251235.X 28 May/mai 2003 CN
 (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ISOLATING MASK
 • MASQUE ISOLANT
- (71, 72) MA, Mingjie [CN/CN]; Basement A07, 8th Bld., Qingshuiyuan, Dongzhimen Beidajie, Dongchengqu, Beijing 100028 (CN).
 JIANG, Lihui [CN/CN]; Basement A07, 8th Bld., Qingshuiyuan, Dongzhimen Beidajie, Dongchengqu, Beijing 100028 (CN).
- (74) CHINA TRADEMARK & PATENT LAW OFFICE CO., LTD.; Yuexin Blvd 14, Yuetan Nanjie, Xichengqu, Beijing 100045 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (i) for all designations / pour toutes les designations
 (u) for / pour US only / seulement
-
- (51)⁷ A63B
 (11) WO 2004/105885 (13) A2
 (21) PCT/NZ2004/000111
 (22) 31 May/mai 2004 (31.05.2004)
 (25) en (26) en
 (30) 526211 30 May/mai 2003 NZ
 (30.05.2003)
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
 (u) for / pour US only / seulement
-
- (51)⁷ A62B 18/02, 7/10, A61B 5/087
 (11) WO 2004/105884 (13) A1
 (21) PCT/SE2004/000766
 (22) 18 May/mai 2004 (18.05.2004)
 (25) en (26) en
 (30) 0301615-1 3 Jun/juin 2003 SE
 (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEVICE AND METHOD FOR A PROTECTIVE MASK
 • DISPOSITIF ET PROCEDE DESTINES A UN MASQUE DE PROTECTION
- (71) SAAB AB [SE/SE]; S-581 88 Linköping (SE).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EMRICSON, Ingemar [SE/SE]; Stavhoppärvägen 44, S-564 34 Bankeryd (SE).
 MALM, Jonas [SE/SE]; Wilhelms Thams väg 4, S-561 43 Huskvarna (SE).
- (74) YDRESKOG, Margareta; Saab AB, Corporate Technology, S-581 88 Linköping (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A63B
 (11) WO 2004/105886 (13) A2
 (21) PCT/NZ2004/000114
 (22) 31 May/mai 2004 (31.05.2004)
 (25) en (26) en
 (30) 526212 30 May/mai 2003 NZ
 (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRAMPOLINE WITH ROD LOCKING EDGE FITTINGS
 • TRAMPOLINE A ATTACHES DE BORD A VERROUILLAGE DE TIGES
- (71) BOARD & BATTEN INTERNATIONAL INC.; c/- International Management Services Ltd, Harbour Centre, 4th Floor, North Church Street, Georgetown (KY).
 (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ALEXANDER, Keith, Vivian [NZ/NZ]; 65 Middleton Road, Upper Riccarton, Christchurch (NZ).
- (74) WEST-WALKER, Gregory, J.; A J Park, 6th Floor, Huddart Parker Building, Post Office Square, P.O. Box 949, Wellington 6015 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A63B
(11) WO 2004/105887 (13) A2
(21) PCT/US2004/016257
(22) 20 May/mai 2004 (20.05.2004)
(25) en (26) en
(30) 60/472,711 22 May/mai 2003 US (22.05.2003)
(30) 60/476,256 5 Jun/juin 2003 US (05.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • GOLF SWING TRAINING DEVICE AND METHOD
• DISPOSITIF ET PROCEDE D'ENTRAINEMENT AU BALANCE AU GOLF
- (71) DAVID LEADBETTER ENTERPRISES, INC. [US/US]; 8390, Champions Gate Blvd., Suite 300, Champions Gate, Florida 33896 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEADBETTER, David [GB/US]; 10900, Red Lake Point, Orlando, Florida 32827 (US). SHEW, Blaik, F. [US/US]; 8341, Foxworth Circle, Orlando, Florida 32819 (US).
- (74) NAPOLITANO, Carl; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 255 South Orange Ave., Suite 1401, Post Office Box 3791, Orlando, Florida 32802-3791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A63B 22/00
(11) WO 2004/105889 (13) A1
(21) PCT/KR2004/001250
(22) 27 May/mai 2004 (27.05.2004)
(25) ko (26) en
(30) 20-2003-0016493 27 May/mai 2003 KR (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • FORWARD/REVERSE PEDALLED EXERCISE BIKE
• BICYCLETTE D'EXERCICE A PEDALAGE AVANT/ARRIERE
- (71, 72) HUR, Hyun-Kang [KR/KR]; 63-47, Maji-Ri, Jucksung-Myun, Paju-City, Kyunggi-Do 413-913 (KR).
- (72, 75) JUNG, Ki-Yong [KR/KR]; 974, Daeja-Dong, Duckyang-Ku, Koyang-City, Kyunggi-Do 412-480 (KR).
- (74) CHUNG, Byung-Ho; 3F, Jeonwon Bldg., 669-6 Yeoksam-dong, Kangnam-gu, Seoul 135-915 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63B 21/00, 21/005, F03G 5/06
(11) WO 2004/105888 (13) A1
(21) PCT/GB2004/002142
(22) 18 May/mai 2004 (18.05.2004)
(25) en (26) en
(30) 0312287.6 29 May/mai 2003 GB (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • EXERCISE APPARATUS
• APPAREIL D'EXERCICE
- (71) PULSE FITNESS LIMITED [GB/GB]; The Bromley Centre, Bromley Road, Congleton, Cheshire CW12 1PT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOHNSON, David, Mark [GB/GB]; 5 Grange Road, Biddulph, Stoke-on-Trent ST8 7SB (GB).
- (74) ROBEY, James, Edward et al. / etc.; Wilson Gunn M'Caw, 5th Floor, Blackfriars House, The Parsonage, Manchester M3 2JA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (43) 9 Dec/déc 2004 (09.12.2004)
(54) • HIGH-STRENGTH GOLF BALL
• BALLE DE GOLF A RESISTANCE ELEVEE
- (71) OGAWA, Masao [JP/JP]; Park Avenue Nagai 407, 3-4-16, Nagainishi, Sumiyoshi-ku, Osaka-shi, Osaka, 5580002 (JP).
- (71, 72) ONODA, Kenji [JP/JP]; 100-79, Gonocho, Kashihara-shi, Nara, 6340043 (JP). NAKA, Yuri [JP/JP]; 1-4-19, Ikuno, Katano-shi, Osaka, 5760054 (JP). NINOMIYA, Norikazu [JP/JP]; 3-2-27-1304, Edobori, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).
- (74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A63B 39/00
(11) WO 2004/105891 (13) A2
(21) PCT/FR2004/001293
(22) 25 May/mai 2004 (25.05.2004)
(25) fr (26) fr
(30) 03/06327 26 May/mai 2003 FR (26.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • BALL WITH GENERALLY SPHERICAL FORM SUCH AS A PETANQUE BALL
• BOULE DE FORME GENERALE SPHERIQUE, TELLE QU'UNE BOULE DE PETANQUE
- (71) B.P.M.M. [FR/FR]; 22, chemin du Bois Lambert, F-78770 Goupillières (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAISSANT, Thierry [FR/FR]; 22, chemin du Bois Lambert, F-78770 Goupillières (FR).
- (74) THINAT, Michel; Cabinet Madeuf-Viard, 56A, rue du Faubourg Saint-Honoré, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A63B 53/00, G01C 3/10, 9/10

(11) WO 2004/105892 (13) A1

(21) PCT/JP2004/003501

(22) 16 Mar/mar 2004 (16.03.2004)

(25) ja (26) ja

(30) 2003-3935 29 May/mai 2003 JP
(29.05.2003)

(30) 2003-3936 29 May/mai 2003 JP
(29.05.2003)

(30) 2003-189860 29 May/mai 2003 JP
(29.05.2003)

(30) 2003-272163 26 Sep/sep 2003 JP
(26.09.2003)

(30) 2003-272164 26 Sep/sep 2003 JP
(26.09.2003)

(30) 2003-272973 5 Nov/nov 2003 JP
(05.11.2003)

(30) 2003-436545 16 Dec/déc 2003 JP
(16.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PUTTER WITH DISTANCE MEASURING
FUNCTION
• PUTTER AVEC FONCTION DE MEASURE
DE LA DISTANCE

(71, 72) KOIWAI, Hideaki [JP/JP]; 30-11, Shi-
rayuri 3-chome, Izumi-ku, Yokohama-shi,
Kanagawa 245-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63B 53/04

(11) WO 2004/105893 (13) A1

(21) PCT/US2004/016594

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 10/250,001 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GOLF CLUB HEAD
• TETE DE BATON DE GOLF

(71) CALLAWAY GOLF COMPANY [US/US];
2285 Rutherford Road, Carlsbad, CA 92008
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72) CACKETT, Matthew, T.; 5647 Glenstone
Way, San Diego, CA 92121 (US). EVANS,
Clayton, D.; 838 Eucalyptus Woods Road,
San Marcos, CA 92029 (US). GALLOWAY,
Andrew, J.; 10197 Quail Glen Way, Escon-
dido, CA 92029 (US). HOCKNELL, Alan;
412 West E. Street, Unit A, Encinitas, CA
92024 (US).

(74) CATANIA, Michael, A.; Callaway Golf
Company, 2285 Rutherford Road, Carlsbad,
CA 92008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A63B 57/00

(11) WO 2004/105894 (13) A1

(21) PCT/KR2004/001292

(22) 31 May/mai 2004 (31.05.2004)

(25) ko (26) en

(30) 20-2003-0017223 2 Jun/juin 2003 KR
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GOLF TEE
• TE DE GOLF

(71, 72) KIM, Heung Goo [KR/KR]; ByukSan
APT. 108-303, 1321, Jwa-Dong, Haecun-
dae-Gu, Busan 612-840 (KR).

(74) KOO, SeongJin; #304 Sungam Bldg.,
1436-2 Oncheon2-Dong Dongrae-Gu, Busan
607-062 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ A63B 67/04

(11) WO 2004/105895 (13) A2

(21) PCT/US2004/015336

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/472,532 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TABLE TENNIS MOUNT ASSEMBLY
• ENSEMBLE DE FIXATION POUR TEN-
NIS DE TABLE

(71, 72) GREEN, Jerome [US/US]; 445 East
42nd Street, Chicago, IL 60653 (US).

(74) SHASHANK, Upadhye; Lord, Bissell &
Brook, LLP, 115 S. LaSalle Street, Chicago,
IL 60603-3901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les
désignations

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ A63B 69/36

(11) WO 2004/105896 (13) A1

(21) PCT/NO2003/000177

(22) 2 Jun/juin 2003 (02.06.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ALL-CLIMATE ARTIFICIAL DRIVING
RANGE FOR GOLF

• TERRAIN D'EXERCICE DE GOLF AR-
TIFICIEL UTILISABLE SOUS TOUS
CLIMATS

(71, 72) LARSSON, Tomas [NO/NO]; Sand-
viksveien 83A, N-1363 hovik (NO).

(74) OSLO PATENTKONTOR AS; Postboks
7007 M, N-0306 Oslo (NO).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63B 69/36, 63/00, 57/00

(11) WO 2004/105897 (13) A1

(21) PCT/US2003/006673

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GOLF PRACTICE DEVICE

• DISPOSITIF D'ENTRAINEMENT DE GOLF

(71, 72) LOBECK, David, P. [US/US]; 12701 Covered Bridge Road, Sellersburg, IN 47172 (US).

(74) FUERLE, Richard, D.; 1711 West River Road, Grand Island, NY 14072 (US).

(81) CA CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A63B 71/14

(11) WO 2004/105898 (13) A1

(21) PCT/KR2003/001053

(22) 28 May/mai 2003 (28.05.2003)

(25) ko (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GOLF EQUIPMENTS

• MATERIEL DE GOLF

(71, 72) BEAK, Soo-Ho [KR/KR]; Chosung Hich. 902, 1548-15, Dadae-1Dong, Saha-ku, Busan 604-827 (KR).

(74) LEE, Joong-Seop; Lawin Tower 301, 1497-1, Geoje-1dong, Yeonje-gu, Pusan 611-071 (KR).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DMDZ EC GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX MZ NI NO NZ OM PH PL RO SC SG SL TN TR TZ UA US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63C

(11) WO 2004/105899 (13) A2

(21) PCT/US2004/014585

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/447,014 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SKI EXERCISING AND TRAINING APPARATUS

• APPAREILS D'ENTRAINEMENT ET D'EXERCICE POUR LE SKI

(71, 72) LOANE, R., Joel [US/US]; P.O. Box 592, Park City, UT 84060 (US).

(74) BOYS, Donald, R.; Central Coast Patent Agency, Inc., P.O. Box 187, Aromas, CA 95004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63C 11/00, E05B 73/00, 67/00

(11) WO 2004/105900 (13) A1

(21) PCT/EP2004/005705

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) 203 08 600.7 30 May/mai 2003 DE (30.05.2003)

(30) 203 09 159.0 13 Jun/juin 2003 DE (13.06.2003)

(30) 203 13 896.1 4 Sep/sep 2003 DE (04.09.2003)

(30) 20 2004 005 534.1 5 Apr/avr 2004 DE (05.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SECURING DEVICE

• SYSTEME DE BLOCAGE

(71, 72) PEPPERL, Rüdiger [DE/DE]; Bismarckstrasse 58, 40883 Ratingen (DE).

(74) GESTHUYSEN, VON ROHR & EGGERT; Huysseallee 100, 45128 Essen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A63C 17/01

(11) WO 2004/105901 (13) A1

(21) PCT/KR2003/001075

(22) 30 May/mai 2003 (30.05.2003)

(25) ko (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TWIST SKATEBOARD

• PLANCHE A ROULETTES A TORSION

(71, 72) YOON, Se-Heung [KR/KR]; Ilsinjungong Apartment 104-Dong 1206 Ho, Ilsin-Dong 412, Bupyeong-Gu, Incheon Metropolitan 403-764 (KR).

(74) RYOU, Myoung-Hyun; Yuliahn International Patent & Law Office, 2nd Fl. Seoahn Bulding, 943-2, Dogok-Dong, Gangnam-Gu, Seoul 135-270 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63F 9/24

(11) WO 2004/105902 (13) A1

(21) PCT/US2003/015551

(22) 15 May/mai 2003 (15.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GAMING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE JEU

(71) GTECH CORPORATION [US/US]; 55 Technology Way, West Greenwich, RI 02817 (US).

(72) GRAY, Andrew, Patrick; The Warren, Manor Health Road, Halifax, West Yorkshire HX3 0EE (GB). CADIGAN, John, L.; 31 Seneca Drive, Hudson, MA 01749 (US). FINOCCHIO, Richard, G.; 46 Dartmouth Street, Everett, MA 02149 (US).

(74) BERGERT, Thomas, F. et al. / etc.; Williams Mullen PC, Suite 700, 8270 Greensboro Drive, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ A63F 9/24

(11) WO 2004/105903 (13) A1

(21) PCT/US2003/015670

(22) 19 May/mai 2003 (19.05.2003)

(25) en (26) en

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRONIC BINGO GAME AND METHOD
• JEU DE BINGO ELECTRONIQUE ET PROCEDE ASSOCIE
- (71) KARAWAY GAMING, INC. [US/US]; 8797 East Broadway Blvd., Tucson, AZ 85719 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ODOM, Wayne [US/US]; 549 E, Oakey Blvd., Las Vegas, NV 89104 (US).
- (74) ANDERSON, Philip, J.; Anderson & Morishita, L.L.C., 2725 S. Jones Blvd., Suite 102, Las Vegas, NV 89146 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63F 13/00, G06F 3/12, G06T 11/80, H04N 5/76
- (11) WO 2004/105904 (13) A1
- (21) PCT/JP2004/007783
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-153276 29 May/mai 2003 JP (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • RECORDING MEDIUM ON WHICH PROGRAM IS RECORDED, GAME MACHINE, GAME SYSTEM, AND GAME MACHINE CONTROL METHOD
• SUPPORT D'ENREGISTREMENT COMPORTANT UN PROGRAMME, MACHINE ET SYSTEME DE JEU, ET PROCEDE DE COMMANDE DE LA-DITE MACHINE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURAKAMI, Hiroyuki [JP/JP]
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63G 31/00, G09B 23/18
- (11) WO 2004/105906 (13) A1
- (21) PCT/RU2004/000194
- (22) 24 May/mai 2004 (24.05.2004)
- (25) ru (26) ru
- (30) 2003115509 27 May/mai 2003 RU (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TEACHING AMUSEMENT ATTRACTION
• APPAREIL D'ATTRACTION A FONCTION EDUCATIVE
- (71, 72) BUGROV, Stanislav Levovich [RU/RU]; Beketova, 55-28, Nizhny Novgorod, 603146 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A63F 13/12
- (11) WO 2004/105905 (13) A1
- (21) PCT/JP2004/007361
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-152067 29 May/mai 2003 JP (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AGAINST-NETWORK TYPE GAME SYSTEM, METHOD, DEVICE, AND PROGRAM
• SYSTEME DE JEU DU TYPE CONTRE LE RESEAU, ET PROCEDE, DISPOSITIF ET PROGRAMME ASSOCIES
- (71) KONAMI CORPORATION [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIROTA, Ryuhei [JP/JP]; c/o Konami Corporation, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (JP).
- (74) ONO, Yukio et al. / etc.; Shinjyu Global IP, South Forest Bldg., 1-4-19, Minamimorimachi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A63H
- (11) WO 2004/105907 (13) A2
- (21) PCT/US2004/016096
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 10/445,147 24 May/mai 2003 US (24.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • UNDERWATER DEVICE AND METHOD OF PLAY
• DISPOSITIF SOUS-MARIN ET METHODE DE JEU
- (71, 72) THORNE, Edwin, III. [US/US]; 2507 Westmont Way W, Seattle, WA 98199 (US).
- (74) PELOQUIN, Mark; PELOQUIN, PLLC, 800 Fifth Avenue, Suite 4100, Seattle, WA 98104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A63H
- (11) WO 2004/105908 (13) A2
- (21) PCT/US2004/016170
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/472,849 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TOY VEHICLE
• VEHICULE-JOUET
- (71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90254-5012 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) BLOCH, Nathan; 16 North Green Acre Drive, Cherry Hill, NJ 08003 (US). SINHA, Vikas, Kumar, Parkhie; 733 Walnut Street #3, Philadelphia, PA 19106 (US). DISCOE, Justin; 27 Linden Avenue, Merchantville, NJ 08109 (US). GAVINS, Bruce; 284 Crabtree

- Drive, Levittown, PA 19055 (US). **ONG, Kenlip**; 132 Tamarind Road, Singapore 806079 (SG). **NUNGERSTER, Gregory**; 39 Park Lake Avenue, Tirusville, NJ 08560 (US).
- (74) **JAMIESON, John et al.** / etc.; Akin Gump Stauss Hauer & Feld LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW. (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B01B**
- (11) **WO 2004/105909** (13) A2
- (21) PCT/RU2004/000222
- (22) **3 Jun/juin 2004 (03.06.2004)**
- (25) ru (26) ru
- (30) 2003116180 **3 Jun/juin 2003 RU (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METHOD FOR HEATING A COOLING FLUID MEDIUM**
• **PROCEDE DE RECHAUFFEMENT OU DE REFOIDISSEMENT D'UN MILIEU FLUIDE**
- (71, 72) **KURKAEV, Abdul Sultanovich** [KZ/KZ]; ul. Furmana, 161-20, Alma-Aty, 480091 (KZ). **KURKAEV, Isa Sultanovich** [KZ/KZ]; ul. Furmana, 161-20, Alma-Aty, 480091 (KZ).
- (72, 75) **MANASTYRLY, Georgy Konstantinovich** [RU/RU]; ul. B. Porokhovskaya, 41/1-182, St.Petersburg, 195160 (RU). **ALIEVA, Elena Antonovna** [RU/RU]; ul. Zoi Kosmodemyanskoi, 17/26-21, St.Petersburg, 198095 (RU). **LOGVINA, Natalya Vasilievna** [RU/RU]; pr. Marshala Zakharova, 33/1-218, St.Petersburg, 198330 (RU).
- (74) **MUS, Galina Petrovna**; Kamennoostrovsky pr., 27-109, St.Petersburg, 197022 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ **B01D**
- (11) **WO 2004/105910** (13) A2
- (21) PCT/US2004/013721
- (22) **3 May/mai 2004 (03.05.2004)**
- (25) en (26) en
- (30) 60/474,068 **28 May/mai 2003 US (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **NOVEL NANOCOMPOSITES AND THEIR APPLICATION AS MONOLITH COLUMNS**
• **NOUVEAUX NANOCOMPOSITES ET LEUR APPLICATION EN TANT QUE COLONNES MONOLITHIQUES**
- (71) **WATERS INVESTMENTS LIMITED** [US/US]; 109 Lukens Drive, New Castle, DE 19720 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **O'GARA, John, E.** [US/US]; 30 Belview Heights, Ashland, MA 01721 (US). **DING, Julia** [CN/US]; 5790 Highland Way #204, Middleton, WI 53562 (US). **WALSH, Daniel** [US/US]; 9 Brookside Avenue, Danvers, MA 01923 (US).
- (74) **LAURO, Peter, C. et al.** / etc.; Edwards & Angell, L.L.P., P.O. Box 55874, Boston, MA 02205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B01D**
- (11) **WO 2004/105912** (13) A2
- (21) PCT/US2004/016913
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 60/474,175 **29 May/mai 2003 US (29.05.2003)**
- (30) 60/575,336 **27 May/mai 2004 US (27.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METHOD OF PRODUCING EGGSHELL POWDER**
• **PROCEDE DE PRODUCTION DE POUDRE DE COQUILLE D'OEUF**
- (71) **BIOSYNERGY, INC.** [US/US]; 1940 East Devon Avenue, Elk Grove Village, IL 60007 (US).
- (51)⁷ **B01D**
- (11) **WO 2004/105911** (13) A2
- (21) PCT/US2004/015852
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 10/443,504 **21 May/mai 2003 US (21.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **FLUID DISTILLATION APPARATUS HAVING IMPROVED EFFICIENCY**
• **APPAREIL DE DISTILLATION DE LIQUIDE A EFFICACITE AMELIOREE**
- (71) **CHOU, Lang, C.** [US/US]; 2154 Chisin Street, San Jose, CA 95121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **LEE, Naisin** [US/US]; 900 Loyola Drive, Los Altos, CA 94024 (US).
- (72) **SPORER, Stephen, F.**; 1330 Francisco Street, Berkeley, CA 94702 (US).
- (74) **HESLIN, James, M. et al.** / etc.; Townsend And Townsend And Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(for all designated States except / pour tous les États désignés sauf US)

(72) **SUZUKI, Fred, K.**; 710 South Kennicott Avenue, Arlington Heights, IL 60005 (US). **WANG, Pie-Yi**; 1967 Richton Drive, Wheaton, IL 60187 (US). **WEATHER-SPOON, J., B.**; 984 Chapel Court North Drive, Glen Ellyn, IL 60137 (US). **MEAD, Laurence, C.**; 1151 Warwick Circle North, Hoffman Estates, IL 60194 (US).

(74) **DREHKOFF, Dennis, W.**; c/o Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D

(11) WO 2004/105913 (13) A2

(21) PCT/US2004/017007

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/449,305 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • POROUS FILTER
• FILTRE POREUX

(71) **POREX CORPORATION** [US/US]; 500 Bohannon Road, Fairburn, GA 30213 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLENDENNING, Michael, Andrew** [US/US]; 18 Ivy Trace Boulevard, Newnan, GA 30265 (US). **RAMSEY, Thomas, Henry** [US/US]; 100 Lake Point Drive, Peachtree City, GA 30269 (US). **AVETT, Tripp, Augustus** [US/US]; 260 Emerald Hills Lane, Newnan, GA 30263 (US). **MARTIN, Timothy, Allen** [US/US]; 235 White Oak Drive, Newnan, GA 30265 (US).

(74) **ABRAMS, Samuel, B.** et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 12/00, 19/04

(11) WO 2004/105914 (13) A1

(21) PCT/US2004/016714

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312195.1 28 May/mai 2003 GB (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANTIFOAMING FORMULATIONS
• FORMULATIONS ANTIMOISSAGE

(71) **SYNGENTA LIMITED** [GB/GB]; European Regional Center, Priestly Road, Surrey Research Park, Guildford Surrey GU2 7YH (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FORMSTONE, Carl** [GB/GB]; Syngenta Limited, Surrey Research Park, 30 Priestly Road, Guildford Surrey GU2 7YH (GB). **HOGGIN, James** [GB/GB]; Syngenta Limited, Surrey Research Park, Surrey Research Park, 30 Priestly Road, Guildford Surrey GU2 7YH (GB). **LANDHAM, Rowena** [GB/GB]; Syngenta Limited, Surrey Research Park, 30 Priestly Road, Guildford Surrey GU2 7YH (GB). **LIPIN, Daniel** [US/AU]; Centre for Nanostructural Bioengineering, University of Queensland, 5C Ritchie Labs, St. Lucia, Queensland 4072 (AU). **SOHM, Rupert** [GB/CH]; Syngenta Crop Protection Muenchwilen AG, Breitenloh 5, CH-4333 Muenchwilen (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B01D 17/032, 17/12, G01F 23/64

(11) WO 2004/105915 (13) A1

(21) PCT/JP2004/007761

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-150041 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LIQUID SEPARATION METHOD, LIQUID SEPARATION APPARATUS, AND DETECTING DEVICE FOR LIQUID-LIQUID SEPARATION INTER-FACE
• PROCEDE DE SEPARATION DE LIQUIDE, APPAREIL DE SEPARATION

DE LIQUIDE ET DISPOSITIF DE DETECTION D'INTERFACE DE SEPARATION LIQUIDE-LIQUIDE

(71) **MORITEX CORPORATION** [JP/JP]; 3-1-14, Jingu-mae, Shibuya-ku, Tokyo 150-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CHIBA, Kazuhiro** [JP/JP]; c/o Tokyo University of Agriculture and Technology, 3-5-8, Saiwai-cho, Fuchu-shi, Tokyo 1830054 (JP).

(72, 75) **MARUI, Tomohiro** [JP/JP]; 3-7-5, Fuchu-cho, Fuchu-shi, Tokyo 1830055 (JP).

(74) **SAWANO, Katsufumi** et al. / etc.; SAWANO & ASSOCIATES, Co-op Olympia 211, 35-3, Jingu-mae 6-chome, Shibuya-ku, Tokyo 1500001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B01D 35/30

(11) WO 2004/105916 (13) A1

(21) PCT/US2004/016551

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/473,271 23 May/mai 2003 US (23.05.2003)

(30) 10/665,948 18 Sep/sep 2003 US (18.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WATER TREATMENT DEVICES AND CARTRIDGES THEREFOR

• DISPOSITIFS DE TRAITEMENT HYDRAULIQUE ET CARTOUCHES ASSOCIEES

(71) **PUR WATER PURIFICATION PRODUCTS, INC.** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANNER, John, D.** [US/US]; 16305 8th Avenue, North Plymouth, MN 55447 (US). **EMMONS, David, James** [US/US]; 670 Windmere Curve, Plymouth, MN 55441 (US).

(74) **PUR WATER PURIFICATION PRODUCTS, INC.**; c/o Reed, David, T., 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B01D 35/30, 27/08

(11) WO 2004/105917 (13) A1

(21) PCT/US2004/009175

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/443,278 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • UNIVERSAL FILTER BASE AND EN-
GINES USING SAME

• BASE DE FILTRE UNIVERSELLE ET
MOTEURS METTANT CETTE BASE
EN APPLICATION

(71) CATERPILLAR INC. [US/US]; 100 N.E.
Adams Sreet, Peoria, IL 61629-6490 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MILLAR, James, S. [US/US]; 2211
East Truitt Road, Chillicothe, IL 61523 (US).

(74) HICKMAN, Alan, J. et al. / etc.; 100 N.E.
Adams Street, Peoria, IL 61629-6490 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B01D 41/04

(11) WO 2004/105918 (13) A1

(21) PCT/GB2004/002266

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312281.9 29 May/mai 2003 GB
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CLEANING FILTER COMPONENTS

• NETTOYAGE DE COMPOSANTS DE
FILTRE

(71) LONGWORTH ENGINEERING LTD
[GB/GB]; Longworth House, Sett end Road
North, Shadsworth Business Park, Blackburn
BB1 2QG (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NORRIS, Peter, John [GB/GB]; 53
Park Lane, Oswaldtwistle, Accrington, Lan-
cashire BB5 3AF (GB). NORRIS, John
[GB/GB]; 2 Westminster Close, Simonstone,
Burnley, Lancashire BB12 7ST (GB). REID,
Christopher [GB/GB]; 4 Woodburn Close,
Blackburn, Lancashire BB2 7QN (GB).
MILLINGTON, James, Peter [GB/GB];
16 Valley Road, Weaverham, Northwich,
Cheshire CW8 3PP (GB).

(74) ATKINSON, Peter, Birch; Marks & Clerk,
Sussex House, 83-85 Mosley Street, Man-
chester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01D 53/14, C10L 3/10, C07C 7/11

(11) WO 2004/105919 (13) A1

(21) PCT/EP2004/005773

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 103 24 694.0 28 May/mai 2003 DE
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR REMOVING ACID
GASES FROM PRESSURIZED NATU-
RAL GAS THAT IS CONTAMINATED
WITH ACID GAS COMPOUNDS AND
RECOVERING THE REMOVED ACID
GASES AT AN INCREASED PRES-
SURE LEVEL

• PROCEDE POUR EXTRAIRE DES
GAZ ACIDES D'UN GAZ NATUREL
SOUS PRESSION CONTAMINE PAR
DES COMPOSES DE GAZ ACIDES ET
RECUPERATION DES GAZ ACIDES
EXTRAITS A UN NIVEAU DE PRES-
SION SUPERIEUR

(71) UHDE GMBH [DE/DE]; Friedrich-Uhde-
Strasse 15, 44141 Dortmund (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MENZEL, Johannes [DE/DE]; Krum-
mer Weg 8, 45731 Waltrop (DE).

(74) UHDE GMBH; LP-Patent, Friedrich-Uhde-
Strasse 15, 44141 Dortmund (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B01D 53/18

(11) WO 2004/105920 (13) A1

(21) PCT/DE2004/001067

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 355.5 21 May/mai 2003 DE
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD, SYSTEM AND DEVICE FOR
GASFLOW CLEANING

• PROCEDE, SYSTEME ET DISPOSITIF
DE LAVAGE DE GAZ CIRCULANTS

(71, 72) KRETZSCHMAR, Axel [DE/DE];
Neinstetter Strasse 10B, 39118 Magdeburg
(DE).

(74) SCHUSTER, Gregor et al. / etc.; Wieder-
holdstr. 10, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B01D 53/62, 53/02

(11) WO 2004/105921 (13) A1

(21) PCT/DK2003/000261

(22) 22 Apr/avr 2003 (22.04.2003)

(25) da (26) en

(30) PA2002 00580 19 Apr/avr 2002 DK
(19.04.2002)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WASTE GAS FILTERING ABSORBING
CARBON DIOXIDE

• FILTRAGE DE GAZ BRÛLÉS AVEC
ABSORPTION DE DIOXYDE DE CAR-
BONE

(71, 72) LARS HALLING, Jensen [DK/DK];
Christian IX's Vej 3, DK 5230 Odensem
(DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO

- RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ B01D 53/86, 53/14
(11) WO 2004/105922 (13) A1
(21) PCT/EP2004/050955
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 03253365.5 29 May/mai 2003 EP
(29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A PROCESS FOR THE REMOVAL OF
SO₂, HCN AND H₂S AND OPTION-
ALLY COS, CS₂ AND NH₃ FROM A
GAS STREAM
- PROCEDE D'ELIMINATION DU
SO<SB>2</SB>, DU HCN AND DU
H<SB>2</SB>S ET EVENTUELLE-
MENT DU COS, DU S<SB>2</SB> ET
DU NH<SB>3</SB> D'UN COURANT
DE GAZ
- (71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30, NL-2596
HR The Hague (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) VAN GRINSVEN, Petrus, Francis-
cus, Antonius [NL/NL]; J W Frisolaan
33, NL-2252 HC Voorschoten (NL). KI-
JLSTRA, Wiebe, Sjoerd [NL/NL]; Bad-
huisweg 3, NL-1031 CM Amsterdam (NL).
ROOS, Inge [NL/NL]; Badhuisweg 3,
NL-1031 CM Amsterdam (NL). SMIT, Cor-
nelis, Jacobus [NL/NL]; Badhuisweg 3,
NL-1031 CM Amsterdam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ B01F 7/16, 7/32
(11) WO 2004/105924 (13) A1
(21) PCT/AT2004/000170
(22) 14 May/mai 2004 (14.05.2004)
(25) de (26) de
(30) A 815/2003 27 May/mai 2003 AT
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEVICE FOR FROTHING A SLUDGE
- DISPOSITIF PERMETTANT DE FAIRE
MOUSSER UN BADIGEON
- (71, 72) KRANZINGER, Norbert [AT/AT];
Salzburgerstrasse 22, A-5202 Neumark
(AT). DAMBAUER, Klaus [AT/AT]; Dr.
Viehhauser Strasse 8, A-5020 Salzburg (AT).
LEIMGRUBER, Eva, Maria [AT/AT]; Dr.
Viehhauser Strasse 8, A-5020 Salzburg (AT).
- (74) HÜBSCHER, Gerhard et al. / etc.; Spittel-
wiese 7, A-4020 Linz (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ B01F
(11) WO 2004/105923 (13) A2
(21) PCT/US2004/016152
(22) 24 May/mai 2004 (24.05.2004)
(25) en (26) en
(30) 60/472,573 22 May/mai 2003 US
(22.05.2003)
(30) 10/850,913 21 May/mai 2004 US
(21.05.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTROHYDRODYNAMIC MI-
CROFLUIDIC MIXER USING TRANS-
VERSE ELECTRIC FIELD
- MELANGEUR DE MICROFLUIDES
ELECTRO-HYDRODYNAMIQUE UTI-
LISANT UN CHAMP ELECTRIQUE
TRANSVERSAL
- (71) NEW JERSEY INSTITUTE OF TECH-
NOLOGY [US/US]; 323 Martin Luther King
Jr. Blvd, Newark, NJ 07102 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) AUBRY, Nadine, N. [FR/US]; 32
William Street, Metuchen, NJ 08840 (US).
BATTON, John, Lyle [US/US]; 32 William
Street, Metuchen, NJ 08840 (US). EL MOC-
TAR, Ahmed, Ould [MR/FR]; Laboratoire
de Thermocinetique UMR CNRS6607, Ecole
Polytechnique de l'Universite de Nantes, Rue
Christian Pauc, BP 50609, F-44306 Nantes
cedex 3 (FR).
- (74) RANIERI, Gregory; 595 Shrewsbury Av-
enue, Suite 100, Shrewsbury, NJ 07702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ B01F 11/00
(11) WO 2004/105925 (13) A1
(21) PCT/FR2003/001589
(22) 26 May/mai 2003 (26.05.2003)
(25) fr (26) fr
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPLIANCE FOR THE RAPID VIBRA-
TION OF TUBES CONTAINING SAM-
PLES
- APPAREIL POUR LA VIBRATION RA-
PIDE DE TUBES CONTENANT DES
ECHANTILLONS
- (71) BERTIN TECHNOLOGIES S.A. [FR/FR];
1, rue François 1er, F-75008 Paris (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BOQUET, Jean [FR/FR]; 4, allée du
Grand-Amiral, F-78160 Le-Perray-en-Yve-
lines (FR). ESTEVE, Alain-Jean [FR/FR];
11, Route de Croissy, F-78110 Le Vesinet
(FR).
- (74) ERNEST GUTMANN-YVES PLASSER-
AUD S.A.; 3 Rue Chauveau-Lagarde,
FR-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ B01F 15/04, G01F 11/02, F04B 13/02,
53/14
(11) WO 2004/105926 (13) A1
(21) PCT/IT2003/000341
(22) 30 May/mai 2003 (30.05.2003)
(25) it (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METERING APPARATUS
- APPAREIL DE DOSAGE
- (71) DEMAK S.R.L. [IT/IT]; Strada del Cas-
cinotto 163, I-10156 Torino (IT).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) TOZZI, Ivo [IT/IT]; Via Cavour 13,
I-10091 Alpignano (IT). MONTANTI,
Lorenzo [IT/IT]; Corso Francia 147/A,
I-10093 Collegno (IT).
- (74) GERBINO, Angelo et al. / etc.; Jacobacci &
Perani S.p.A., Corso Regio Parco, 27, I-10152
Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B01J

(11) WO 2004/105927 (13) A2

(21) PCT/JP2004/007998

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ja (26) ja

(30) 2003-156856 2 Jun/juin 2003 JP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HIGH-PRESSURE TREATMENT APPARATUS AND METHOD OF OPERATING HIGH-PRESSURE TREATMENT APPARATUS

• APPAREIL DE TRAITEMENT HAUTE PRESSION ET PROCÉDE D'EXPLOITATION D'UN APPAREIL DE TRAITEMENT HAUTE PRESSION

(71) JGC CORPORATION [JP/JP]; 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP). THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED [JP/JP]; 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 1008560 (JP). THE JAPAN STEEL WORKS, LTD [JP/JP]; 1-2, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 1000006 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OSATO, Katsuaki [JP/JP]; c/o JGC PROJECT SERVICES CO., LTD, 13-1, Saido 1-chome, Kounan-ku, Yokohama-shi, Kanagawa 2330008 (JP). OMURA, Munee [JP/JP]; c/o JGC PROJECT SERVICES CO., LTD, 13-1, Saido 1-chome, Kounan-ku, Yokohama-shi, Kanagawa 2330008 (JP). SUTO, Yoshinori [JP/JP]; c/o JGC Corporation, Research & Development Center, 2205, Narita-cho, Oarai-machi, Higashiibaraki-gun, Ibaraki 3111313 (JP). TAMURA, Koji [JP/JP]; c/o JGC Corporation, Research & Development Center, 2205, Narita-cho, Oarai-machi, Higashiibaraki-gun, Ibaraki 3111313 (JP). TSURUI, Masao [JP/JP]; c/o JGC Corporation, 3-1, Minatomirai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 2206001 (JP). YAMAGUCHI, Takeshi [JP/JP]; c/o

The Tokyo Electric Power Company, Incorporated, 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 1008560 (JP). OGAWA, Jin [JP/JP]; c/o The Tokyo Electric Power Company, Incorporated, 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 1008560 (JP). IWAMOTO, Yoshihiko [JP/JP]; c/o The Japan Steel Works, LTD / Hiroshima Plant, 6-1, Funakoshiminami 1-chome, Aki-ku, Hiroshima-shi, Hiroshima 7360082 (JP). KAKIZAKI, Jun [JP/JP]; c/o The Japan Steel Works, LTD / Hiroshima Plant, 6-1, Funakoshiminami 1-chome, Aki-ku, Hiroshima-shi, Hiroshima 7360082 (JP).

(74) INOUE, Toshio; Kanachu Building 2F, 45-6, Sakuragi-cho 7-chome, Nishi-ku, Yokohama-shi, Kanagawa 2200021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J

(11) WO 2004/105928 (13) A2

(21) PCT/US2004/014522

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,431 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR ZONAL INJECTION OF CHEMICALS INTO A FURNACE CONVECTIVE PASS TO REDUCE POLLUTANTS FROM FLUE GASES

• PROCÉDE ET APPAREIL POUR UNE INJECTION SUR ZONE DE PRODUITS CHIMIQUES DANS UN PASSAGE CONVECTIF DE FOUR, DE MANIÈRE A REDUIRE LES POLLUANTS DES GAZ DE COMBUSTION

(71) MITSUI BABCOCK (US) LLC. [US/US]; 1050 Crown Pointe Parkway, Suite 1200, Atlanta, GA 30338 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) STUART, Arol; Renfrew (GB). HESSELMAN, Gerard, J., W., C.; Renfrew (GB). LEFEBVRE, Barbara; Atlanta, GA (US). MACPHAIL, John; Renfrew (GB). MELLING, Peter; Renfrew (GB). YATES, G., A.; Crawley (GB). SMITH, Michael, J.; Atlanta, GA (US). MORRIS, Keith, W.; Atlanta, GA (US).

(74) EPSTEIN, Robert, H.; Epstein & Gerken, Suite 340, 1901 Research Blvd., Rockville, MD 20850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J

(11) WO 2004/105929 (13) A2

(21) PCT/US2004/016348

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 10/446,753 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHASE TRANSFER CATALYSIS SCRUBBER

• DISPOSITIF D'EPURATION A CATALYSE PAR TRANSFERT DE PHASE

(71) VALUE RECOVERY, INC. [US/US]; 510 Heron Drive, Bridgeport, NJ 08014 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) JOYCE, Peter, J.; 24 Kayla's Way, Mullica Hill, NJ 08062 (US). BIELSKI, Roman; 1308 Sheridan Road, Coopersburg, PA 18036 (US). BUCKMASTER, Terrence, P.; 1707 Winnett Court, Turnersville, NJ 08012 (US). HALPERN, Marc; 303 Royal Oak Avenue, Cherry Hill, NJ 08002 (US).

(74) LEWIS, Christopher, R.; Ratner & Prestia, P.O. Box 980, Valley Forge, PA 19482 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J

(11) WO 2004/105930 (13) A2

(21) PCT/US2004/016514

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 10/445,453 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FCC CATALYST INJECTION SYSTEM HAVING CLOSED LOOP CONTROL

- SYSTEME D'INJECTION D'UN CATALYSEUR DANS LE CRAQUAGE CATALYTIQUE FLUIDE POSSEDANT UNE COMMANDE EN BOUCLE FERMEE
- (71) INTERCAT EQUIPMENT, INC. [US/US]; 104 Union Avenue, Manasquan, NJ 08736 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EVANS, Martin [GB/US]; 125 Anderson Road, Tolland, CT 06084 (US).
- (74) TABOADA, Keith; Moser, Patterson & Sheridan, LLP, 595 Shrewsbury Avenue, Shrewsbury, NJ 07702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ B01J 3/03
- (11) WO 2004/105932 (13) A2
- (21) PCT/GB2004/002246
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 0312198.5 28 May/mai 2003 GB (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AN AUTOCLAVE
• AUTOCLAVE
- (71) RODWELL ENGINEERING GROUP LIMITED [GB/GB]; 199-209 Hornchurch Road, Hornchurch, Essex RM14 4TJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STOREY, Christopher [GB/GB]; Rodwell Scientific Instruments, Bentalls, Basildon, Essex SS14 3SD (GB).
- (74) LUCKHURST, Anthony, Henry, William; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B01J 3/00, C01B 21/072
- (11) WO 2004/105931 (13) A1
- (21) PCT/JP2004/003739
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) ja (26) ja
- (30) 2003-077389 20 Mar/mar 2003 JP (20.03.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF ALTERING CRYSTAL STRUCTURE OF GROUP 13 ELEMENT NITRIDE, GROUP 13 ELEMENT NITRIDE AND STRUCTURE MATERIAL CONTAINING CUBIC NITRIDE
• NITRURE D'ELEMENT DU GROUPE 13, PROCEDE DE MODIFICATION DE SA STRUCTURE CRISTALLINE ET STRUCTURE DE MATERIAU CONTENANT UN NITRURE CUBIQUE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome Chiyoda-ku Tokyo, 1008921 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWATA, Atsushi [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology 2-1, Namiki 1-chome Tsukuba-shi Ibaraki, 3058564 (JP). AKEDO, Jun [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology 2-1, Namiki 1-chome Tsukuba-shi Ibaraki, 3058564 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) 03/06148 22 May/mai 2003 FR (22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CALCIUM PHOSPHATE CAPSULES, METHOD FOR THE PRODUCTION THEREOF, AND USES OF THE SAME
• CAPSULES DE PHOSPHATE DE CALCIUM, PROCEDE DE PREPARATION ET SES UTILISATIONS
- (71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUPUIS, Dominique [FR/FR]; 11, rue Louis Couperin, F-60800 Crépy-en-Valois (FR). AURISSERGUES, Franck [FR/FR]; 4, Résidence Bretagne, 17, boulevard Lénine, F-95100 Argenteuil (FR).
- (74) BERRUET, Laure; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B01J 19/00, B01L 7/00
- (11) WO 2004/105934 (13) A1
- (21) PCT/GB2004/002265
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 0312462.5 30 May/mai 2003 GB (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MULTI-STATION REACTION APPARATUS
• APPAREIL DE REACTION MULTI-POSTE
- (71) ELECTROTHERMAL ENGINEERING LTD [GB/GB]; 419 Sutton Road, Southend-on-Sea, Essex SS2 5PH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARSHALL, Louis, Anthony [GB/GB]; Electrothermal Engineering Ltd, 419 Sutton Road, South-on-Sea, Essex SS2 5PH (GB). WALDIE, Ian, Douglas [GB/GB]; Electrothermal Engineering Ltd, 419 Sutton Road, South-on-Sea, Essex SS2 5PH (GB).
- (74) FENLON, Christine, Lesley; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ B01J 19/18, C07C 51/265
- (11) WO 2004/105935 (13) A1
- (21) PCT/US2004/016180
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 10/443,542 22 May/mai 2003 US
(22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS FOR AND METHOD
OF PRODUCING AROMATIC CAR-
BOXYLIC ACIDS
- APPAREIL ET PROCEDE DE PRODUC-
TION D'ACIDES CARBOXYLIQUES
AROMATIQUES
- (71) INVISTA TECHNOLOGIES S.A.R.L.
[LU/US]; Intellectual Property Record Cen-
ter, 4417 Lancaster Pike, CRP722/1032,
Wilmington, DE 19805 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BICKHAM, David, Robert [GB/GB];
8 Berkeley Drive, Guisborough, Cleveland
Cleveland TS14 7LX GB (GB). COOKE,
Michael [GB/GB]; 42 Hall Avenue, Widnes,
Cheshire Cheshire WA8 8XS GB (GB).
DAVIS, Martin, Reid, Burton [GB/GB];
The White House, Hutton Village Road,
Guisborough, Cleveland Cleveland TS14 8EJ
GB (GB). HOUSLEY, Samuel, Duncan
[GB/GB]; 5 Bluc Barn Lane, Hutton Rudby,
Yarm, North Yorkshire Yorkshire TS15 0JG
GB (GB). MCDONNELL, Finbar, Gerald
[GB/GB]; 57 Falcon Way, Guisborough,
Cleveland Cleveland TS14 8HT GB (GB).
- (74) KRUKIEL, Charles; 4417 Lancaster Pike,
CRP722/1002, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B01J 20/12, 20/30, C01B 33/40
- (11) WO 2004/105936 (13) A1
- (21) PCT/EP2004/005788
- (22) 28 May/mai 2004 (28.05.2004)
- (25) de (26) de
- (30) 103 24 561.8 30 May/mai 2003 DE
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SEMISYNTHETIC BLEACHING
EARTH
- TERRE DECOLORANTE SEMI-SYN-
THETIQUE
- (71) SÜD-CHEMIE AG [DE/DE]; Lenbachplatz
6, 80333 München (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) FLESSNER, Uwe [DE/DE]; Ettaler
Strasse 31, 81062 Neuried (DE). ORITZ
NIEMBRO, José Antonio [MX/MX];
Calzada San Ignacio Sur # 13, Col. Ar-
boledas de San Ignacio, Mexico, PUE 72590
(MX). SCHURZ, Klaus [DE/DE]; Dry-
galskiallee 111, 81477 München (DE).
ZSCHAU, Werner [DE/DE]; Burgselberg 4,
82237 Steinebach (DE).
- (74) WESTENDORP, Michael; Splanemann
Reitzner Baronetzky Westendorp, Rumford-
strasse 7, 80469 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B01J 23/00, 27/057, C07C 57/05
- (11) WO 2004/105938 (13) A2
- (21) PCT/FR2004/001290
- (22) 25 May/mai 2004 (25.05.2004)
- (25) fr (26) fr
- (30) 03/06414 27 May/mai 2003 FR
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OXIDATION OF PROPANE TO GIVE
ACRYLIC ACID USING CATALYSTS
IN A MIXTURE OF CRYSTALLINE
PHASES
- OXYDATION DU PROPANE EN ACIDE
ACRYLIQUE PAR UTILISATION DE
CATALYSEURS EN MELANGE DE
PHASES CRISTALLINES
- (71) ATOFINA [FR/FR]; 4/8, Cours Michelet,
F-92800 Puteaux (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) DUBOIS, Jean-Luc [FR/FR]; 190, rue
du Coteau, F-69390 Millery (FR). BACA,
Manuel [FR/FR]; 1, rue du Tonkin, F-69100
Villeurbanne (FR). MILLET, Jean-Marc
[FR/FR]; 76, boulevard des Belges, F-69006
Lyon (FR).
- (74) POCHART, François et al. / etc.; Cabi-
net Hirsch-Pochart et Associés, 58, Avenue
Marceau, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ B01J 27/18

(11) WO 2004/105939 (13) A1

(21) PCT/KR2004/001068

(22) 7 May/mai 2004 (07.05.2004)

(25) ko (26) en

(30) 10-2003-0033860 27 May/mai 2003 KR (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HYDROCARBON STEAM CRACKING CATALYST, METHOD FOR PREPARING THE SAME AND METHOD FOR PREPARING LIGHT OLEFIN BY USING THE SAME

• CATALYSEUR POUR VAPOCRACKING D'HYDROCARBURES, PROCÉDE DE PRÉPARATION DE CE DÉRIVÉ ET PROCÉDE DE PRÉPARATION D'OLEFINES LÉGERES DANS LEQUEL LE CATALYSEUR EST UTILISÉ

(71) LG CHEM. LTD. [KR/KR]; LG Twin Tower, East Tower 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANG, Jun-han [KR/KR]; 354, Dong-mycon, Yeongi-gun, Chungcheongnam-do 339-860 (KR). LEE, Won-ho [KR/KR]; Gangbyeon Apt. 112-10, Mannyeon-dong, Seo-gu, Daejeon 302-741 (KR). JEONG, Sang-mun [KR/KR]; Chonggu Narae Apt. 108-1603, Jeonmin-dong, Yuseong-gu, Daejeon 305-729 (KR). PARK, Sang-ku [KR/KR]; Woosung Apt. 302-1106, Sadang 2-dong, Dongjak-gu, Seoul 156-773 (KR). CHAE, Jong-hyun [KR/KR]; Dungji Apt. 106-602, Dunsan 2-dong, Seo-gu, Daejeon 302-734 (KR).

(74) CHO, In-Jae; 3rd Fl., Janghyun Bldg., 637-23, Yeoksam-dong, Gangnam-gu, Seoul 135-909 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J 27/22, 29/76, 23/835, 23/86, 37/02, 35/02, D01F 9/127, C01B 31/02

(11) WO 2004/105940 (13) A1

(21) PCT/JP2004/007797

(22) 28 May/mai 2004 (28.05.2004)

(25) ja

(30) 2003-152297 29 May/mai 2003 JP (29.05.2003)

(30) 2004-040736 18 Feb/fév 2004 JP (18.02.2004)

(30) 2004-040852 18 Feb/fév 2004 JP (18.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CATALYST FOR PREPARING CARBON NANOCOIL, METHOD FOR PREPARATION THEREOF, METHOD FOR PREPARING CARBON NANOCOIL AND CARBON NANOCOIL

• CATALYSEUR UTILISE DANS LA PRÉPARATION D'UNE NANOBLOBINE DE CARBONE, PROCÉDE DE PRÉPARATION DE CELUI-CI, PROCÉDE DE PRÉPARATION D'UNE NANOBLOBINE DE CARBONE ET NANOBLOBINE DE CARBONE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honmachi 4-chome, Kawaguchi-city, Saitama 3320012 (JP). OSAKA PREFECTURE [JP/JP]; 1-22, Otemae 2-chome, Chuo-ku, Osaka-city, Osaka 5400008 (JP). TAIYO TOYO SANSO CO., LTD. [JP/JP]; 4-11, Usubohonmachi 2-chome, Nishi-ku, Osaka-city, Osaka 5500004 (JP). OTSUKA CHEMICAL CO., LTD. [JP/JP]; 2-27, Otedori 3-chome, Chuo-ku, Osaka-city, Osaka 5400021 (JP). NISSIN ELECTRIC CO., LTD. [JP/JP]; 47, Umezuta-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 6158686 (JP). DAIKEN CHEMICAL CO., LTD. [JP/JP]; 7-19, Hanaten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 5360011 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAYAMA, Yoshikazu [JP/JP]; 9-404, 14-2, Korigaoka 1-chome, Hirakata-city, Osaka 5730084 (JP). PAN, Lujun [CN/JP]; 6-12-308, Shinkanaoka-cho 4-cho, Sakai-city, Osaka 5918021 (JP). NOSAKA, Toshikazu [JP/JP]; 5-12-301, Ibukino 3-chome, Izumi-city, Osaka 5940041 (JP). SUEKANE, Osamu [JP/JP]; 70-140, Nojiri-cho, Sakai-city, Osaka 5998116 (JP). OKAZAKI, Nobuharu [JP/JP]; 1023 Futago, Kurashiki-city, Okayama 7010115 (JP). TAGASAKA, Takeshi [JP/JP]; c/o TAIYO TOYO SANSO Co., Ltd., 4-11, Usubohonmachi 2-chome, Nishi-ku, Osaka-city, Osaka 5500004 (JP). GOTO, Toshiki [JP/JP]; c/o OTSUKA CHEMICAL CO., LTD., 2-27, Otedori 3-chome, Chuo-ku, Osaka-city, Osaka 5400021 (JP). TSUCHIYA, Hiroyuki [JP/JP]; c/o NISSIN ELECTRIC CO., LTD., 47, Umezuta-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 6158686 (JP). OKAWA, Takashi [JP/JP]; c/o DAIKEN CHEMICAL Co., Ltd., 7-19, Hanaten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 5360011 (JP). SHIONO, Keisuke [JP/JP]; c/o DAIKEN CHEMICAL Co., Ltd., 7-19, Hanaten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 5360011 (JP).

(74) MIKI, Hisami; Haim-Scnba 303, 3-8, Kyutaromachi 2-chome, Chuo-ku, Osaka-city, Osaka 5410056 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

(26) ja

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J 27/24, 37/06, 37/08, 37/16, C07C 57/05, 57/055, 51/235

(11) WO 2004/105941 (13) A1

(21) PCT/JP2004/007262

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-154000 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROCESS FOR PRODUCING CATALYST FOR METHACRYLIC ACID PRODUCTION

• PROCÉDE DE PRODUCTION D'UN CATALYSEUR POUR LA PRODUCTION D'ACIDE METHACRYLIQUE

(71) NIPPON KAYAKU KABUSHIKI KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 1028172 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUDO, Atsushi [JP/JP]; 340-4, Haraichi, Annaka-shi, Gunma 3790133 (JP). SEO, Yoshimasa [JP/JP]; 945-7, Watanuki-machi, Takasaki-shi, Gunma 3701207 (JP). KURAKAMI, Tatsuhiko [JP/JP]; 356-7, Oaza Kiwanami, Ube-shi, Yamaguchi 7590207 (JP).

(74) KAWAGUCHI, Yoshio et al. / etc.; Kawaguti & Partners, Yuhsen Shinjuku Gyoen Bldg., 1-11, Shinjuku 1-chome, Shinjuku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01J 29/85, 29/06, 35/00, 37/00, C07C 1/20, C10G 3/00

(11) WO 2004/105942 (13) A1

(21) PCT/US2004/012912

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/442,586 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • PROCESS FOR PREPARING ATTRITION RESISTANT MOLECULAR SIEVE CATALYSTS AND THEIR USE FOR OXYGENATE TO OLEFINS CONVERSION
- PROCEDE DE PREPARATION DE CATALYSEURS DE TAMIS MOLECULAIRE RESISTANTS AU FROTTEMENT ET UTILISATION DE CEUX-CI DANS L'OXYGENATION DE LA CONVERSION D'OLEFINES

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; A Corporation of the State of Delaware, 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHANG, Yun-Feng** [US/US]; 4443 Sterling Wood Way, Houston, TX 77059 (US). **VAUGHN, Stephan, N.** [US/US]; 1111 Southern Hills, Kingwood, TX 77339 (US). **MARTENS, Luc, R., M.** [BE/BE]; 3 Prinsenbeemdlaan, B-1860 Meise (BE). **CLEM, Kenneth, R.** [US/US]; 7407 Pine Green Lane, Humble, TX 77346 (US).

(74) **REID, Frank, E.**; ExxonMobil Chemical Company, Law Technology, PO Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **B01J 35/04, F01N 3/28**

(11) **WO 2004/105943** (13) A1

(21) PCT/EP2004/005766

(22) **28 May/mai 2004 (28.05.2004)**

(25) de (26) de

(30) 103 24 889.7 **30 May/mai 2003 DE (30.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MICROSTRUCTURE RELIEVED OF NOTCHING

• MICROSTRUCTURE D'UNE DECHARGE PAR UNE ENTAILLE

(71) **EMITEC GESELLSCHAFT FÜR EMISIONSTECHNOLOGIE MBH** [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HODGSON, Jan** [DE/DE]; Moselstrasse 66, 53842 Troisdorf (DE).

(74) **KAHLHÖFER, Hermann**; Karlstrasse 76, 40210 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B01J 37/26, 37/00, C08G 65/10, 65/26**

(11) **WO 2004/105944** (13) A1

(21) PCT/US2004/016394

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,901 **22 May/mai 2003 US (22.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NANO-SCALE DMC CATALYST PARTICLES

• PARTICULES D'UN CATALYSEUR DMC D'ECHELLE NANOMETRIQUE

(71) **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DHINGRA, Sandeep, S.** [US/US]; 301 N Scenic Circle, Midland, MI 48642 (US). **MABE, Karla, F.** [US/US]; 579 E. Dopp Road, Midland, MI 48640 (US). **WATSON, Keith, Jeffrey** [CA/US]; 2408 Morning Dawn Drive, Midland, MI 48642 (US).

(74) **COHN, Gary, C.**; Gary C. Cohn PLLC, 4010 Lake of Washington Blvd. NE, Suite 105, Kirkland, WA 98033 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01J 41/14**

(11) **WO 2004/105945** (13) A1

(21) PCT/AU2004/000711

(22) **27 May/mai 2004 (27.05.2004)**

(25) en (26) en

(30) 2003902626 **27 May/mai 2003 AU (27.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANION EXCHANGE RESINS FOR RECOVERY OF ANIONS AND ANIONIC COMPLEXES CONTAINING METALS FROM LIQUIDS AND PULPS

• RESINES ECHANGEUSES D'ANIONS SERVANT A RECUPERER DES ANIONS ET DES COMPLEXES ANIONIQUES CONTENANT DES METAUX A PARTIR DE LIQUIDES ET DE PULPES

(71) **CLEAN TEQ PTY LTD** [AU/AU]; 38 Kimberley Road, Dandenong South, Victoria 3175 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZONTOV, Nikolai** [AU/AU]; 38 Kimberley Road, Dandenong South, Victoria 3175 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01L**

(11) **WO 2004/105946** (13) A2

(21) PCT/US2004/013394

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 10/447,969 **29 May/mai 2003** US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PACKAGING OF MICROFLUIDIC DEVICES

• MISE SOUS EMBALLAGE DE DISPOSITIFS MICROFLUIDIQUES

(63) US 10/447,969 (CON)
29 May/mai 2003 (29.05.2003)

(71) BAYER HEALTHCARE LLC [US/US]; 333 Coney Street, East Walpole, MA 02032 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PUGIA, Michael, J. [US/US]; 14342 Taddington Drive, Granger, IN 46530 (US). PROFIT, James, A. [US/US]; 1805 Barclay Place, Goshen, IN 46528 (US). SOMMER, Ronald, G. [US/US]; 55745 Merle Street, Elkhart, IN 46514 (US). JUNG, Sung-Kwon [KR/US]; 11738 Antler Street, Granger, IN 46530 (US).

(74) LEVY, Elizabeth, A. et al. / etc.; Bayer HealthCare LLC, 63 North Street, Medfield, MA 02052 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ B01L

(11) WO 2004/105947 (13) A2

(21) PCT/US2004/016025

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,964 **23 May/mai 2003** US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LOCALIZED TEMPERATURE CONTROL FOR SPATIAL ARRAYS OF REACTION MEDIA

• CONTROLE DE TEMPERATURE LOCALISE POUR ENSEMBLE SPATIAL DE MILIEUX REACTIONNELS

(71) BIO-RAD LABORATORIES, INC. [US/US]; 1000 Alfred Nobel Drive, Hercules, California 94547-1803 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARCINIEGAS, German [CO/US]; 641 Spruce Street, Berkeley, California 94707 (US). CEREMONY, Jeff [US/US]; 1374 Leafwood Court, Fairfield, California 94534 (US). CHU, Daniel, Y. [US/US]; 1331 47th Avenue, San Francisco, California 94122 (US). RAGSDALE, Charles, W. [US/US]; 1336 Vermont Avenue, Concord, California 94521 (US).

(74) HEINES, M., Henry et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01L 3/00, G01N 35/08, 27/447

(11) WO 2004/105948 (13) A1

(21) PCT/US2004/016591

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 10/444,848 **23 May/mai 2003** US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IONIC LIQUID APPARATUS AND METHOD FOR BIOLOGICAL SAMPLES

• APPAREIL ET PROCÉDE POUR ECHANTILLONS BIOLOGIQUES FAISANT INTERVENIR UN LIQUIDE IONIQUE

(71) APPLERA CORPORATION [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRYNING, Zbigniew [US/US]; 3859 Rincon Avenue, Campbell, CA 95008 (US). LIU, Timothy [CN/US]; 33961 Capulet Circle, Fremont, CA 94555 (US).

(74) MAKROGIANNIS, Phil N. et al. / etc.; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B01L 3/00, G01N 1/02

(11) WO 2004/105949 (13) A1

(21) PCT/US2004/016727

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,539 **28 May/mai 2003** US
(28.05.2003)

(30) 10/727,037 **4 Dec/déc 2003** US
(04.12.2003)

(30) 10/852,684 **25 May/mai 2004** US
(25.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOLDER FOR PCR SAMPLE COLLECTION AND PREPARATION

• EPROUVETTE POUR RECUEILLIR ET PREPARER DES ECHANTILLONS POUR AMPLIFICATION PAR REACTION EN CHAÎNE DE LA POLYMERASE

(71) SMITHS DETECTION-EDGEWOOD INC. [US/US]; 2202 Lakeside Boulevard, Edgewood, MD 21040 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREEN, Douglas, Jason [US/US]; 14101 Manor Road, Baldwin, MD 21013 (US). HOLMES, Carrie, Lynn [US/US]; 1858 Oxford Square, Bel Air, MD 21015 (US).

(74) KAMINSKY, Michael, D. et al. / etc.; Foley & Lardner LLP, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B01L 3/02

(11) WO 2004/105950 (13) A2

(21) PCT/US2004/016144

(22) 24 May/mai 2004 (24.05.2004)

- (25) en (26) en
(30) 10/443,350 **22 May/mai 2003** US
(22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DUAL RESOLUTION SYRINGE
• SERINGUE A DOUBLE RESOLUTION
- (71, 72) SCHWARTZ, Donald, H. [US/US]; 147 Front Street, Marblehead, MA 01945 (US).
- (72, 75) SABIN, Douglas, G. [US/US]; 52 Rockaway Avenue, Marblehead, MA 01945 (US).
- (74) WOLF, David; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01L 9/06, 3/00
(11) WO 2004/105951 (13) A1
(21) PCT/EP2004/005678
(22) 26 May/mai 2004 (26.05.2004)
(25) de (26) de
(30) 103 24 397.6 **28 May/mai 2003** DE
(28.05.2003)
(30) 103 33 545.5 **23 Jul/juil 2003** DE
(23.07.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MODULAR SAMPLE HOLDER SYSTEM
• SYSTEME PORTE-ECHANTILLONS MODULAIRE
- (71) HTE AKTIENGESELLSCHAFT THE HIGH THROUGHPUT EXPERIMENTAL-TION COMPANY [DE/DE]; Kurpfalzring 104, 69123 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VIETZE, Uwe [DE/DE]; Konrad-Adenauer-Ring 71, 69214 Eppelheim (DE).
CROSS, Alexander [GB/DE]; Agrippastrasse 19, 55131 Mainz (DE).
- (74) RICKER, Mathias et al. / etc.; Prinzregentenstrasse 11, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B02C 23/16, 23/10
(11) WO 2004/105953 (13) A1
(21) PCT/AU2004/000717
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 2003902661 **29 May/mai 2003** AU
(29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DISCHARGE FROM GRINDING MILLS
• REFOULEMENT PROVENANT DE BROUYEURS
- (71) HICOM INTERNATIONAL PTY LIMITED [AU/AU]; 8 Khartoum Road, NORTH RYDE, New South Wales 2113 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUNTER, James, William [AU/AU]; 8 Khartoum Road, NORTH RYDE, New South Wales 2113 (AU).
- (74) GRIFFITH HACK; GPO Box 4164, SYDNEY, New South Wales 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B03C 1/28, C02F 1/48, F16K 24/00
(11) WO 2004/105954 (13) A1
(21) PCT/GB2004/002243
(22) 25 May/mai 2004 (25.05.2004)
(25) en (26) en
(30) 0312266.0 **29 May/mai 2003** GB
(29.05.2003)
(30) 0322214.8 **23 Sep/sep 2003** GB
(23.09.2003)
(30) 0327644.1 **28 Nov/nov 2003** GB
(28.11.2003)
(30) 0401873.5 **29 Jan/jan 2004** GB
(29.01.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SEPARATOR DEVICE
• SEPARATEUR
- (71, 72) ADEY, Christopher [GB/GB]; 1 Corfe Close, Prestbury, Cheltenham GL52 5BX (GB).
- (74) BAILEY, Richard, Alan; Marks & Clerk, 27 Imperial Square, Cheltenham GL50 1RQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 2004/105955 (13) A1
(21) PCT/EP2004/050972
(22) 1 Jun/juin 2004 (01.06.2004)
(25) de (26) de
(30) 10325055.7 **2 Jun/juin 2003** DE
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEVICE FOR OPERATING CYCLONES

- DISPOSITIF POUR OUVRIR OU FERMER DES CYCLONES

(71) MANN+HUMMEL GMBH [DE/DE]; Hindenburgstr. 45, 71638 Ludwigsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILPERT, Torsten [DE/DE]; Ulrichsrain 16, 71729 Erdmannhausen (DE). TRAUTMANN, Pius [DE/DE]; Wendelin-Hippler-Str. 9, 70499 Stuttgart (DE). SCHLEIDEN, Thomas [DE/DE]; In den Hochwiesen 17, 70439 Stuttgart (DE). BECK, Andreas [DE/DE]; Richard-Arnold-Str. 3, 71642 Ludwigsburg (DE). WEBER, Andreas [DE/DE]; Flattichstr. 25, 71642 Ludwigsburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B05B

(11) WO 2004/105956 (13) A2

(21) PCT/US2004/010444

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/444,469 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HIGH ENERGY ABSORPTION TOP NOZZLE FOR A NUCLEAR FUEL ASSEMBLY

- BUSE SUPERIEURE A HAUTE ABSORPTION D'ENERGIE POUR ASSEMBLAGE COMBUSTIBLE NUCLEAIRE

(71) WESTINGHOUSE ELECTRIC COMPANY LLC [US/US]; Law Dept - IPS, 4350 Northern Pike, Monroeville, PA 15146-2866 (US).

(72) SPARROW, James A.; 112 Blazing Cove, Irmo, SC 29063 (US). ALESHIN, Yuriy; 1269 Rockwood Road, Columbia, SC 29209 (US). SLYEPTSOV, Aleksey; 501 Pelham Drive, Columbia, SC 29209 (US).

(74) SPADACENE, Joseph C. et al. / etc.; Westinghouse Electric Company LLC, 4350 Northern Pike, Monroeville, PA 15146-2866 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B05B 1/20, A62C 35/00

(11) WO 2004/105957 (13) A1

(21) PCT/DE2004/001068

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 356.3 21 May/mai 2003 DE (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NOZZLE ASSEMBLY FOR PRODUCING PLANAR SPRAY FIELDS

- SYSTEME DE BUSES POUR PRODUIRE UN CHAMP DE PULVERISATION PLAN

(71, 72) KRETZSCHMAR, Axel [DE/DE]; Neinstetter Strasse 10 B, 39118 Magdeburg (DE).

(74) SCHUSTER, Gregor et al. / etc.; Wiederholdstr. 10, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B05B 5/057, A61L 2/22, 9/14, B03C 3/00, C01B 5/00

(11) WO 2004/105958 (13) A1

(21) PCT/JP2004/007593

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-149807 27 May/mai 2003 JP (27.05.2003)

(30) 2003-425862 22 Dec/déc 2003 JP (22.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CHARGED WATER PARTICLE, AND METHOD FOR CREATING ENVIRONMENT WHERE MIST OF CHARGED WATER PARTICLE IS DISPERSED

- PARTICULE D'EAU CHARGÉE ET PROCÉDE DE CREATION D'UN ENVIRONNEMENT DANS LEQUEL UNE BRUME DE PARTICULE D'EAU CHARGÉE EST DISPERSEE

(71) MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUDA, Hiroshi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048,

Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). MATSUI, Yasunori [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). IWAMOTO, Narimasa [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). YAMAUCHI, Toshiyuki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). AZUKIZAWA, Shigekazu [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). NAKADA, Takayuki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). TANAKA, Tomonori [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). YAMAGUCHI, Tomohiro [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(74) NISHIKAWA, Yoshikiyo; Hokuto Patent Attorneys Office, Umeda-Daichiseimeibldg. 5th Floor, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B05B 5/057, A61L 9/14, B03C 3/00

(11) WO 2004/105959 (13) A1

(21) PCT/JP2004/007594

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-149807 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTROSTATIC ATOMIZER AND AIR CLEANER USING SAME

- ATOMISEUR ELECTROSTATIQUE ET PURIFICATEUR D'AIR UTILISANT UN TEL ATOMISEUR

(71) MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUDA, Hiroshi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). NAKADA, Takayuki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). TANAKA, Tomonori [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). YAMAGUCHI, Tomohiro [JP/JP];

- c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).
- (74) NISHIKAWA, Yoshiaki et al. / etc.; Hokuto Patent Attorneys Office, Umeda-Dai-ichiseimeibldg. 5th Floor, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 5300001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ B05B 11/00
- (11) WO 2004/105960 (13) A2
- (21) PCT/FR2004/001210
- (22) 17 May/mai 2004 (17.05.2004)
- (25) fr (26) fr
- (30) 03/06351 26 May/mai 2003 FR (26.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FLUID PRODUCT DISPENSER AND METHOD FOR ASSEMBLING ONE SUCH DISPENSER
- DISTRIBUTEUR DE PRODUIT FLUIDE ET PROCÉDE DE MONTAGE D'UN TEL DISTRIBUTEUR
- (71) AIRLESSYSTEMS [FR/FR]; Lieudit "La Vente Cartier", F-27380 Charleval (FR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEHAR, Alain [FR/FR]; 99, rue de Verdun, F-92150 Suresnes (FR). DECOTIGNIES, Laurent [FR/FR]; 12, avenue des Trois Epis, F-95800 Cergy (FR).
- (74) CAPRI; 33, rue de Naples, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B05B 11/04
- (11) WO 2004/105961 (13) A1
- (21) PCT/GB2004/002279
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 0312254.6 29 May/mai 2003 GB (29.05.2003)
- (30) 0403650.5 19 Feb/fév 2004 GB (19.02.2004)
- (30) 0409516.2 29 Apr/avr 2004 GB (29.04.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POWDER DISPENSER
- DISTRIBUTEUR DE POUDRE
- (71, 72) HAYDAY, Geoffrey, Denis [GB/GB]; 1 Cedar Drive, Barming, Maidstone, Kent ME16 9HD (GB).
- (74) NASH, Keith, Wilfrid; Keith W. Nash & Co., 90-92 Regent Street, Cambridge CB2 1DP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B05C 17/10
- (11) WO 2004/105962 (13) A1
- (21) PCT/JP2004/007440
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ja (26) ja
- (30) 2003-152667 29 May/mai 2003 JP (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COATER USED ALSO AS WIPER
- OUTIL D'ENDUCTION SERVANT ÉGALEMENT D'OUTIL DE NETTOYAGE
- (71, 72) MIYAOKA, Atsushi [JP/JP]; 22-15-1010, Oji 1-chome, Kita-ku, Tokyo, 1140002 (JP).
- (74) HASHIMOTO, Katsuhiko et al. / etc.; SOYU PARTNERS P.C. PORARISU UENO, 27-10, HigashiUeno 4-chome, Taito-ku, Tokyo, 1100015 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
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- (51)⁷ B05D 1/00, 5/00, C08L 33/02, 33/04
- (11) WO 2004/105963 (13) A1
- (21) PCT/US2004/015995
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/473,079 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • VOC FREE WATER REDUCIBLE COATING VEHICLES
- EXCIPIENTS D'ENROBAGE REDUCTIBLES A L'EAU EXEMPTS DE VOC
- (71) VOCFREE, INC. [US/US]; 163 South Street, Hackensack, NJ 07601 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGERMAN, Gerald [US/US]; 8 Cambridge, Allendale, NJ 07401 (US).
- (74) HSI, Jeffrey, D. et al. / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ B05D 3/12, B32B 5/26
- (11) WO 2004/105964 (13) A1
- (21) PCT/US2004/004080
- (22) 12 Feb/fév 2004 (12.02.2004)
- (25) en (26) en
- (30) 60/472,083 21 May/mai 2003 US (21.05.2003)
- (30) 10/678,827 3 Oct/oct 2003 US (03.10.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CROSS-DIRECTIONALLY STRETCHED BARRIER FABRICS AND METHODS OF MAKING SAME
- TISSUS BARRIERE ETIRES EN SENS TRANSVERSAL ET LEURS PROCÉDES DE PRODUCTION
- (71) PRECISION FABRICS GROUP INC. [US/US]; 301 East Meadowview Road, Greensboro, NC 27420 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAPIK, Rene [US/US]; 301 East Meadowview Road, Greensboro, NC 27406 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC P.A.; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B05D 5/06, 7/00

(11) WO 2004/105965 (13) A1

(21) PCT/JP2004/007762

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2003-155609 30 May/mai 2003 JP (30.05.2003)

(30) 2003-155610 30 May/mai 2003 JP (30.05.2003)

(30) 2003-155611 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR FORMING BRILLIANT COATING FILM AND COATED ARTICLE METALLIC EFFECT

• PROCEDE PERMETTANT DE FORMER UN FILM DE REVETEMENT BRILLANT ET ARTICLE REVETU PRESENT UN ASPECT METALLIQUE

(71) HONDA MOTOR CO., LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 1078556 (JP). NIPPON PAINT CO., LTD. [JP/JP]; 1-2, Oyodokita 2-Chome, Kita-ku, Osaka-shi, Osaka 5318511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGAWA, Takeshi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). IHARA, Satoru [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). UCHIYAMA, Toshihiko [JP/JP]; c/o Nippon Bee Chemical Co., Ltd., 14-1, Shodaotani 2-chome, Hirakata-shi, Osaka 5731153 (JP). INOUE, Masanobu [JP/JP]; c/o Nippon Bee Chemical Co., Ltd., 14-1, Shodaotani 2-chome, Hirakata-shi, Osaka 5731153 (JP). MIYAZOE, Seigo [JP/JP]; c/o Nippon Paint Co., Ltd., 1-15, Minamishinagawa4-Chome, Shinagawa-ku, Tokyo 1408675 (JP). SHIRAGA, Ryuichi [JP/JP]; c/o Nippon Paint Co., Ltd., 1-15, Minamishinagawa4-Chome, Shinagawa-ku, Tokyo 1408675 (JP).

(74) SHOBAYASHI, Masayuki; Ikebukuro City Heights 701, 18-34, Minami-ikebukuro 3-chome, Toshima-ku, Tokyo 1710022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B07B 7/06, 13/16, 1/08

(11) WO 2004/105966 (13) A1

(21) PCT/IB2004/001748

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) UD2003A000119 30 May/mai 2003 IT (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AND METHOD TO SEPARATE MATERIALS HAVING DIFFERENT GRANULOMETRY

• APPAREIL ET PROCEDE POUR TRIER DES MATERIAUX DE GRANULOMETRIE DIFFERENTE

(71) INSTALMEC SRL [IT/IT]; Via A. Malignani, I-33058 San Giorgio di Nogaro (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STOCCO, Adriano [IT/IT]; Piazza Guidobaldo D'Urbino, 6, I-33050 Marano Lagunare (IT).

(74) PETRAZ, Gilberto; GLP Srl, Piazzale Cavedalis, 6/2, I-33100 Udine (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B07C 5/342, G01N 21/88

(11) WO 2004/105967 (13) A1

(21) PCT/NL2004/000380

(22) 27 May/mai 2004 (27.05.2004)

(25) nl (26) en

(30) 03076642.2 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMAGING DEVICE

• DISPOSITIF D'IMAGERIE

(71) FPS FOOD PROCESSING SYSTEMS B.V. [NL/NL]; Burg. G.J.F. Tijdemanstraat 13, NL-2631 RE Nootdorp (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOORDENS, Servaes [NL/NL]; Archipelstraat 20, NL-2022 TE Haarlem (NL). PETERS, Robert [NL/NL]; Palissade 24, NL-3221 LX Hellevoetsluis (NL). WIT, Poppo, Jan [NL/NL]; Legmeerstraat 19 - 1, NL-1058 NA Amsterdam (NL).

(74) WINCKELS, J., H., F.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B08B

(11) WO 2004/105968 (13) A2

(21) PCT/US2004/015409

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/444,679 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEMS AND METHODS FOR ULTRASONIC CLEANING USING PHASED TRANSDUCER ARRAYS

• SYSTEMES ET METHODES POUR UN NETTOYAGE ULTRASONIQUE FAISANT APPEL A DES AGENCEMENTS DE TRANSDUCTEURS EN PHASE

(71, 72) AZAR, Lawrence [US/US]; 200 Harbor Drive, #1201, San Diego, CA 92101 (US).

(74) NYDEGGER, neil, K. et al. / etc.; Nydegger & Associates, 348 Olive Street, San Diego, CA 92103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B08B 3/02, B05B 1/00

(11) WO 2004/105969 (13) A1

(21) PCT/US2004/015927

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,142 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NOZZLE FOR GENERATING HIGH-ENERGY CAVITATION

• AJUTAGE PRODUISANT UNE CAVITATION A HAUTE ENERGIE

(71) ARKAIM, INC. [US/US]; 5415 NW 23rd Terrace, Gainesville, FL 32653 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONDRATIEV, Ilia [UA/US]; 5415 NW 23rd Terrace, Gainesville, FL 32653 (US). FULKERSON, John [US/US]; 16603 SW 5th Place Newberry, Gainesville, FL 32669 (US). KAMENKOV, Igor [UA/UA]; Karaimskaya/Chekova Street 9/10, Apt. 53, Simferpol (UA).

(74) BROWDY, Roger, L. et al. / etc.; Browdy and Neimark, P.L.L.C., 624 Ninth Street N.W., Suite 300, Washington, DC 20001-5303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B08B 3/10, B09C 1/02

(11) WO 2004/105970 (13) A1

(21) PCT/EP2004/005188

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 549/MUM/03 30 May/mai 2003 IN (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR CLEANING OF ARTICLES

• PROCEDE DE NETTOYAGE D'ARTICLES

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London Greater, London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) KUMAR, Kartik [IN/IN]; Hindustan Lever Ltd, Research Centre, Chakala, Andheri (East), Mumbai 400 099 (IN). NAIK, Vijay, Mukund [IN/IN]; Unilever Research India, Hindustan Lever Research Centre, 64 Main Road, Whitefield, Bangalore, Karnataka 560 066 (IN). SURE, Anita [IN/IN]; Hello Fashions, 51, S.B.M.C., Ongole, Andhra Pradesh 523 001 (IN). SURESH, Sambamurthy, Jayaraman [IN/IN]; Unilever Research India, Hindustan Lever Research Centre, 64 Main Road, Whitefield, Bangalore, Karnataka 560 066 (IN). TARAPHDAR, Sumit [IN/IN]; Unilever Research India, Hindustan Lever Research Centre, 64 Main Road, Whitefield, Bangalore, Karnataka 560 066 (IN). VENKATARAGHAVAN, Rajanarayana [IN/IN]; Unilever Research India, Hindustan Lever Research Centre, 64, Main Road, Whitefield, Bangalore, Karnataka 560 066 (IN). RAUT, Janhavi [IN/IN]; Unilever Research India, Hindustan Lever Research Centre, 64, Main Road Whitefield, Bangalore, 560 066 Karnataka (IN).

(74) HUGOT, Alain, Eric, Philippe; Unilever Intellectual Property Group, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B08B 7/00, 9/032

(11) WO 2004/105971 (13) A1

(21) PCT/US2004/016229

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,316 22 May/mai 2003 US (22.05.2003)

(30) 10/824,094 14 Apr/avr 2004 US (14.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPROVED FLUSHING FOR REFRIGERATION SYSTEM COMPONENTS

• RINÇAGE AMELIORE POUR ELEMENTS DE SYSTEMES DE REFRIGERATION

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMAS, Raymond, H. [US/US]; 5990 Hopi Ct., Pendleton, NY 14094 (US). MANZ, Anthony [US/US]; 1244 Emerald Road, Paulding OH 45879 (US). COOK, Kane, D. [US/US]; 63 Gresham Drive, Eggersville, NY 14226 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B08B 7/04, 9/00

(11) WO 2004/105972 (13) A1

(21) PCT/US2004/011541

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/444,284 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CLEANING A COMPONENT OF A PROCESS CHAMBER

• NETTOYAGE D'UN ELEMENT D'UNE CHAMBRE DE PROCESSUS

(71) APPLIED MATERIALS, INC. [US/US]; Patent Department, M/S 2061, P.O. Box 450A, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) BHATNAGAR, Ashish; 3243 Briggs Court, Fremont, CA 94536 (US). KUNZE, Charles, S.; 10480 Baywood Drive, Cupertino, CA 95014 (US).

(74) JANAHA, Ashok, K.; Janah & Associates, P.C., Suite 106, 650 Delancey Street, San Francisco, CA 94107 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B09B 5/00, D06F 39/00

(11) WO 2004/105973 (13) A1

(21) PCT/JP2004/007468

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-149132 27 May/mai 2003 JP (27.05.2003)

- (30) 2003-400228 **28 Nov/nov 2003** JP
(**28.11.2003**)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WASHING MACHINE DISMANTLING METHOD AND DEVICE, REGENERATED RESIN, AND RESIN PRODUCT
• PROCEDE ET DISPOSITIF DE DEMONTAGE DE MACHINE A LAVER, RESINE REGENEREE ET PRODUIT EN RESINE
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARADA, Naoyuki [JP/JP]; 4-3-36-506, Yokozutsumi, Tsurumi-ku, Osaka-shi, Osaka 5380052 (JP). KAWAGUCHI, Yohei [JP/JP]; 2-17-1-418, Kasuga, Suita-shi, Osaka 5650853 (JP). HORI, Ryuzo [JP/JP]; 1-17-25, Hannan-cho, Abeno-ku, Osaka-shi, Osaka 5450021 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B2ID 9/15
- (11) WO 2004/105975 (13) A1
- (21) PCT/JP2004/003830
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) ja (26) ja
- (30) 2003-81614 **24 Mar/mar 2003** JP
(**24.03.2003**)
- (30) 2003-81633 **24 Mar/mar 2003** JP
(**24.03.2003**)
- (30) 2003-81639 **24 Mar/mar 2003** JP
(**24.03.2003**)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND DEVICE FOR BENDING MATERIAL TUBE
• PROCEDE ET DISPOSITIF POUR CINTRER UN TUBE DE MATERIAU
- (71) YAMAHA MOTOR CO., LTD. [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RACHI, Mamoru [JP/JP]; c/o Yamaha Motor Co., Ltd., 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). TASHIRO, Yoji [JP/JP]; c/o Yamaha Motor Co., Ltd., 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). YOSHINO, Tamio [JP/JP]; c/o Yamaha Motor Co., Ltd., 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).
- (74) TSURUWAKA, Toshio; Room 512, Nishishinjuku House, 29-4, Nishi-shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B09C 1/02, 1/08
- (11) WO 2004/105974 (13) A2
- (21) PCT/US2004/016109
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 60/473,439 **22 May/mai 2003** US
(**22.05.2003**)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESS AND APPARATUS FOR FURTHER PROCESSING OF SEWAGE SLUDGE AND OTHER MATERIALS TO REDUCE PATHOGENS AND TOXINS
• PROCEDE ET APPAREIL DE TRAITEMENT ULTERIEUR DE BOUE D'EPURATION ET AUTRES MATERIAUX POUR REDUIRE LES AGENTS PATHOGENES ET LES TOXINES
- (71, 72) BRUSO, Bruce, L. [US/US]; 255 East Mountain Road, Hegins, PA 17938 (US).
- (72, 75) GETMAN, Gerry, D. [US/US]; 125 Marble Drive, McMurray, PA 15317 (US).
- (74) MARSHALL, John; Drinker Biddle & Reath LLP, 1000 Westlakes Drive, Suite 300, Berwyn, PA 19312 (US).
-
- (22) 14 Feb/fév 2004 (14.02.2004)
- (25) de (26) de
- (30) 103 24 244.9 **28 May/mai 2003** DE
(**28.05.2003**)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR THE PRODUCTION OF INDIVIDUALIZED VEHICLE PARTS, ESPECIALLY INDIVIDUALIZED SHELL PARTS MADE FROM SERIALY PRODUCED STANDARD PARTS, AND SHELL PARTS PRODUCED ACCORDING TO SAID METHOD
• PROCEDE POUR PRODUIRE DES PIECES DE VEHICULE INDIVIDUALISEES, NOTAMMENT DES PIECES D'ENVELOPPE EXTERIEURE INDIVIDUALISEES A PARTIR DE PIECES DE SERIE FABRIQUEES EN SERIE, ET PIECES D'ENVELOPPE EXTERIEURE PRODUITES SELON CE PROCEDE
- (71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARTSCHER, Stefan [DE/DE]; Krenittmayrstrasse 16, 80335 München (DE). KEMPF, Gero [DE/DE]; Rathausstrasse 42, 82024 Taufkirchen (DE). HAMMER, Maik [DE/DE]; Zur Pfingstweide 11, 99817 Eisenach (DE). LÖBEL, Tobias [DE/DE]; Ehrlichstrasse 43, 09116 Chemnitz (DE).
- (74) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT; Patentabteilung, AJ-3, 80788 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B2ID 26/02, 39/04, 53/88
- (11) WO 2004/105977 (13) A1
- (21) PCT/EP2004/004298
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) de (26) de
- (30) 103 24 276.7 **28 May/mai 2003** DE
(**28.05.2003**)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR THE PRODUCTION OF A HOLLOW PROFILE PROVIDED WITH A TERMINAL LID, AND JACK CONSOLE
• PROCEDE DE FABRICATION D'UN PROFILE CREUX POURVU D'UN COUVERCLE DE FERMETURE A SON EXTREMITE ET CONSOLE DE CRIC
- (71) DAIMLERCHRYSLER AG [DE/DE]; Epplerstrasse 225, 70567 Stuttgart (DE).
-
- Published / Publiée : (c)
- (51)⁷ B2ID 22/18, 22/26
- (11) WO 2004/105976 (13) A1
- (21) PCT/EP2004/001403

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GADE, Jürgen** [DE/DE]; Hauptstrasse 32, 21614 Buxtehude (DE). **LINKE, Gerhard** [DE/DE]; Heideweg 45, 22959 Lütjensee (DE).

(74) **NÄRGER, Ulrike** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B21D 35/00, 13/04, 28/26, F01N 3/28**

(11) **WO 2004/105978** (13) A1

(21) PCT/EP2004/005765

(22) **28 May/mai 2004 (28.05.2004)**

(25) de (26) de

(30) 103 24 889.7 **30 May/mai 2003 DE (30.05.2003)**

(30) 103 27 455.3 **18 Jun/juin 2003 DE (18.06.2003)**

(30) 10 2004 001 419.1 **9 Jan/jan 2004 DE (09.01.2004)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PRODUCTION OF A STRUCTURED SHEET METAL FOR DEVICES FOR TREATING EXHAUST GAS

• PRODUCTION D'UNE TÔLE STRUCTURÉE DESTINÉE À DES DISPOSITIFS DE TRAITEMENT DES GAZ D'ÉCHAPPEMENT

(71) **EMITEC GESELLSCHAFT FÜR EMISIONSTECHNOLOGIE MBH** [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRÜCK, Rolf** [DE/DE]; Fröbelstrasse 12, 51429 Bergisch Gladbach (DE). **WIERES, Ludwig** [DE/DE]; Oppelner Strasse 2, 51491 Overath (DE). **HODGSON, Jan** [DE/DE]; Moselstrasse 66, 53842 Troisdorf (DE). **HAESEMANN, Gottfried Wilhelm** [DE/DE]; Knappstockberg 22, 51515 Kürten (DE).

(74) **KAHLHÖFER, Hermann**; Karlstrasse 76, 40210 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D**

(11) **WO 2004/105979** (13) A2

(21) PCT/KR2004/001326

(22) **3 Jun/juin 2004 (03.06.2004)**

(25) ko (26) en

(30) 20-2003-0017305 **3 Jun/juin 2003 KR (03.06.2003)**

(30) 10-2003-0035826 **4 Jun/juin 2003 KR (04.06.2003)**

(30) 20-2003-0020038 **25 Jun/juin 2003 KR (25.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIE CASTING MACHINE AND CASTING METHOD BY THEREOF MACHINE

• MACHINE A COULER SOUS PRESION ET PROCEDE DE COULAGE EFFECTUE PAR CETTE MACHINE

(71, 72) **GO, Dong Keun** [KR/KR]; 103-705 Hamji Green Apt, 1124 Dongsamdong, Yeongdo-gu, Busan 606-751 (KR).

(74) **CHO, Sang Kyun**; 402 Daimyung Building 746-22, Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D 19/08, 19/14, F02F 3/00**

(11) **WO 2004/105980** (13) A1

(21) PCT/JP2004/007845

(22) **31 May/mai 2004 (31.05.2004)**

(25) ja (26) ja

(30) 2003-152557 **29 May/mai 2003 JP (29.05.2003)**

(30) 2003-152558 **29 May/mai 2003 JP (29.05.2003)**

(30) 2003-152559 **29 May/mai 2003 JP (29.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AND METHOD OF PRODUCING FIBER-REINFORCED ALUMINUM ALLOY PISTON

• APPAREIL ET PROCEDE PERMETTANT DE PRODUIRE UN PISTON DANS UN ALLIAGE D'ALUMINIUM RENFORCE DE FIBRES

(71) **Kolbenschmidt K.K.** [JP/JP]; 660-1, Oaza Go, Takaya-cho, Higashi-Hiroshima-shi, Hiroshima, 7392124 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SORIDA, Naoki** **TADOKORO, Tomoo** **HAGIHARA, Tatsumi** **KONDOH, Shunsaku** **ARITA, Kazushi** **EDANAGA, Toru** **TESHIMA, Kazuyuki**

(74) **MAEDA, Hiroshi** et al. / etc.; Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D 41/00**

(11) **WO 2004/105981** (13) A2

(21) PCT/EP2004/005680

(22) **26 May/mai 2004 (26.05.2004)**

(25) de (26) de

(30) 103 24 801.3 **2 Jun/juin 2003 DE (02.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CASTING LADLE SLIDE-GATE
• TIROIR DE POCHE DE COULEE

(71) **KNÖLLINGER FLO-TEC GMBH** [DE/DE]; Auf den Dorfwiesen 20, 56204 Hilscheid (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÖNBRENNER, Wolfgang** [DE/DE]; Rather Weg 23, 52372 Kreuzau (DE). **STEIN, Dirk** [DE/DE]; Eduard-Berdel-Str. 17, 56203 Höhr-Grenzhausen (DE).

(74) **POPP, Eugen**; Meissner, Bolte und Partner, Postfach 860624, 81633 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B22F 3/02

(11) WO 2004/105982 (13) A1

(21) PCT/JP2004/007586

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-148567 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROCESS AND SYSTEM FOR PRO-
DUCING GRANULATION POWDER
OF RARE EARTH ALLOY AND
PROCESS FOR PRODUCING SIN-
TERED OBJECT OF RARE EARTH
ALLOY

• PROCEDE ET SYSTEME PERMET-
TANT DE PRODUIRE UNE POUDRE
GRANULAIRE D'ALLIAGE A BASE
DE TERRES RARES ET PROCEDE DE
PRODUCTION D'UN OBJET FRITTE A
BASE DUDIT ALLIAGE DE TERRES
RARES

(71) NEOMAX CO., LTD. [JP/JP]; 7-19, Kita-
hama 4-chome, Chuo-ku, Osaka-shi, Osaka
5410041 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) NAKAMURA, Akira [JP/JP];
c/o Yamazaki Works, NEOMAX CO.,
LTD., 2-15-17, Egawa, Shimamoto-cho,
Mishima-gun, Osaka 6180013 (JP).
NAKASHIMA, Sumihito [JP/JP]; c/o
KINKI SUMITOKU ELECTRONICS CO.,
LTD., 1062, Oyabu, Yabu-shi, Hyogo
6670111 (JP). OTANI, Tomoiku [JP/JP];
c/o Yamazaki Works, NEOMAX CO.,
LTD., 2-15-17, Egawa, Shimamoto-cho,
Mishima-gun, Osaka 6180013 (JP).

(74) OKUDA, Seiji; OKUDA & ASSOCIATES
2nd Floor, Kataoka Bldg., 3-6, Uchiawaji-
machi 1-chome, Chuo-ku, Osaka-shi, Osaka
5400038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B22F 7/06, 7/08

(11) WO 2004/105983 (13) A1

(21) PCT/SE2004/000028

(22) 13 Jan/jan 2004 (13.01.2004)

(25) en (26) en

(30) 60/474,956 3 Jun/juin 2003 US
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INDEXABLE CUTTING INSERTS AND
METHODS FOR PRODUCING THE
SAME

• PLAQUETTE DE COUPE AMOVIBLE,
ET SES PROCEDES DE PRODUCTION

(71) SANDVIK AB [SE/SE]; S-811 81 Sand-
viken (SE).

(72) SJÖGREN, Clas; South Central Business
Unit, 13023 Trinity Drive, Stafford TX 77477
(US).

(74) TÅQUIST, Lennart; Sandvik AB, Group
Staff Intellectual Property, S-811 81 Sand-
viken (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B22F 9/24, 9/16, 9/18, B01J 13/00

(11) WO 2004/105984 (13) A1

(21) PCT/AU2004/000695

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003902704 29 May/mai 2003 AU
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROCESS FOR PRODUCING A
NANOSCALE ZERO-VALENT METAL

• PROCEDE DE PRODUCTION D'UN
METAL A VALENCE NULLE ET A
ECHELLE NANOMETRIQUE

(71) CRC FOR WASTE MANAGEMENT
& POLLUTION CONTROL LIMITED
[AU/AU]; Vallentine Annex (H22), Gate 11,
Botany Street, UNSW, Sydney, NSW 2052
(AU).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) FEITZ, Andrew [AU/AU]; CRC for
Waste Management and Pollution Control
Limited, Gate 11, Botany Street, UNSW,
Sydney, NSW 2052 (AU). GUAN, Jing
[AU/AU]; CRC for Waste Management and
Pollution Control Limited, Gate 11, Botany
Street, UNSW, Sydney, NSW 2052 (AU).
WAITE, David [AU/AU]; CRC for Waste
Management and Pollution Control Limited,
Gate 11, Botany Street, UNSW, Sydney,
NSW 2052 (AU).

(74) SHELSTON IP; 60 Margaret Street, Sydney
NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B22F 9/24, C22C 33/02, B22F 1/00, C23C
18/50, G11B 5/84

(11) WO 2004/105985 (13) A1

(21) PCT/US2003/017005

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYNTHESIS OF IRON-BASED ALLOY
NANOPARTICLES

• SYNTHESE DE NANOPARTICLES
D'ALLIAGE DE FER

(71) SEAGATE TECHNOLOGY LLC
[US/US]; 920 Disc Drive, Scotts Valley,
CA 95066 (US).

(72) LIU, Chao; C811, McKnight Circle, Pitts-
burgh, PA 15237 (US). YANG, Xiaomin;
1802 Gibson Drive, Sewickley, PA 15143
(US). WELLER, Dieter, K.; 7019 Oak Park
Drive, Gibsonia, PA 15044 (US).

(74) BORDAS, Carol, I.; Seagate Technology
LLC, 1251 Waterfront Place, Pittsburgh, PA
15222 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

*(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)*

(51)⁷ B23B 45/02, B25B 21/00, B25F 3/00

(11) WO 2004/105986 (13) A1

(21) PCT/AU2004/000330

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 2003902603 27 May/mai 2003 AU
(27.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004) CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (54) • IMPROVED TWIN CHUCK DRILL
• PERCEUSE AMELIOREE A DOUBLE MANDRIN
- (71, 72) WHITEHEAD, John [AU/AU]; Colombo Creek, Jerilderie, NSW 2716 (AU).
- (74) RANTZEN, Henry, John; 85 John Street, Woollahra, NSW 2025 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B23D 51/01, B25G 1/10
- (11) WO 2004/105987 (13) A1
- (21) PCT/US2004/013312
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 10/444,136 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HANDLE INCLUDING TWO HANDGRIPS AND A ALIGNMENT MECHANISM
• MANCHE COMPRENANT DEUX POIGNEES ET UN MECANISME D'ALIGNEMENT
- (71) KC HOLDINGS, LLC [US/US]; 14368 West 96th Terrace, Lenexa, KS 66215 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JIMENEZ, Eduardo, J. [US/US]; 21 Manor Drive, Manalapan, NJ 07726 (US).
- (74) WOLFF, Kevin, Alan; Wolff & King, PLLC, 2111 Eisenhower Avenue, Suite 402, Alexandria, VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ B23F
- (11) WO 2004/105988 (13) A2
- (21) PCT/US2004/016924
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 60/474,112 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CUTTING TOOL INSERT AND CUTTER BODY
• ACCESSOIRE POUR OUTIL DE COUPE ET CORPS D'OUTIL A COUPER
- (71) ARM TOOLING, INC. [US/US]; 2453 John B. Street, Warren, MI 48091 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURRELL, Roger, A. [US/US]; 54838 Flamingo Drive, Shelby Township, MI 48315 (US).
- (74) STEVENS, James, D.; Reising, Ethington, Barnes, Kisselle, P.C., P.O. Box 4390, Troy, MI 48099-4390 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B23K 3/06, 3/08
- (11) WO 2004/105989 (13) A2
- (21) PCT/US2004/016690
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 10/445,787 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DROSS REMOVAL AND SOLDER RECLAMATION IMPROVEMENTS
• AMELIORATIONS APPORTEES A L'ECUMAGE ET A LA RECUPERATION DE LA SOUDURE
- (71) SPEEDLINE TECHNOLOGIES, INC. [US/US]; 16 Forge Park, Franklin, MA 02038 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOWELL, Keith, A. [US/US]; 1395 Hawk Island Drive, Osage Beach, MO 65065 (US). MORRIS, James, M. [US/US]; 23443 Highway H, Lebanon, MO 65536 (US). MCDONALD, David, M. [US/US]; 397 Bit-O-Heaven, Camdenton, MO 65020 (US). BECKER, Eric, W. [US/US]; 231 Hillside Court, Lebanon, MO 65536 (US). BRICKELL, Joseph, Wayne [US/US]; #47 Foxridge Drive, Linn Creek, MO 65052 (US).
- (74) SKRIVANEK, Robert, A., Jr.; Lowrie, Lando & Anastasi, LLP, One Main Street, Cambridge, MA 02142 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B23K 9/095, 9/12, 9/133, G01P 3/36, 3/42
- (11) WO 2004/105990 (13) A1
- (21) PCT/AT2004/000144
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) de (26) de
- (30) A 831/2003 28 May/mai 2003 AT (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SENSOR ARRANGEMENT FOR RECORDING THE MOVEMENT OF A WIRE CORE IN A WELDING UNIT
• ENSEMBLE CAPTEUR DESTINE A ENREGISTRER LE MOUVEMENT D'UNE AME DE FIL DANS UN POSTE DE SOUDURE
- (71) FRONIUS INTERNATIONAL GMBH [AT/AT]; A-4643 Pettenbach 319 (AT).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SCHREFLER, Franz** [AT/AT]; Rottenmairstrasse 12, A-4550 Kremsmünster (AT). **STUMPFL, Christian** [AT/AT]; Dietensam 24, A-4715 Taufkirchen (AT).
- (74) **SONN & PARTNER**; Riemergasse 14, A-1010 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ **B23K 9/12**
- (11) **WO 2004/105991** (13) A1
- (21) PCT/JP2004/007183
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) ja (26) ja
- (30) 2003-155304 **30 May/mai 2003 JP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WELDING TORCH AND WELDING ROBOT
• CHALUMEAU SOUDEUR ET ROBOT SOUDEUR
- (71) **KABUSHIKI KAISHA YASKAWA DENKI** [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 8060004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKESHITA, Satoshi** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 8060004 (JP). **SANADA, Takashi** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 8060004 (JP). **ICHIBANGASE, Atsushi** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 8060004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B23K 9/133**
- (11) **WO 2004/105992** (13) A1
- (21) PCT/AT2004/000164
- (22) **11 May/mai 2004 (11.05.2004)**
- (25) de (26) de
- (30) A 830/2003 **28 May/mai 2003 AT (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BUFFER DEVICE FOR A WELDING WIRE AND WELDING UNIT
• DISPOSITIF D'AMORTISSEMENT POUR UN FIL DE SOUDURE ET POSTE DE SOUDURE
- (71) **FRONIUS INTERNATIONAL GMBH** [AT/AT]; A-4643 Pettenbach 319 (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHÖRGHUBER, Manfred** [AT/AT]; Bittnerstrasse 4, A-4600 Wels (AT). **HADINGEN, Bernhard** [AT/AT]; Falkenberg 8/6, A-4600 Wels-Thalheim (AT).
- (74) **SONN & PARTNER**; Riemergasse 14, A-1010 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ **B23K 13/00, 35/02, H05B 6/02, 6/14**
- (11) **WO 2004/105993** (13) A1
- (21) PCT/EP2004/004668
- (22) **3 Apr/avr 2004 (03.04.2004)**
- (25) en (26) en
- (30) P 200301285 **30 May/mai 2003 ES (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRODE FOR MACHINE FOR ELECTROMAGNETIC INDUCTION WELDING OF THE LAYERS FORMING A MULTI-LAYER PRINTED CIRCUIT
• ELECTRODE POUR MACHINE POUR SOUDAGE ELECTROMAGNETIQUE DE COUCHES FORMANT UN CIRCUIT IMPRIME MULTICOUCHE
- (71) **CHEMPLATE MATERIALS, S.L.** [ES/ES]; s.n., Calle Urgell, Poligon Industrial URVASA, E-08130 Santa Perpetua de Mogoda (ES).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **LAZARO GALLEG0, Victor** [ES/ES]; s.n., Calle Urgell, Poligon Industrial URVASA, E-08130 Santa Perpetua de Mogoda (ES).
- (74) **SUGRAÑES-VERDONCES-FERREGÜELA**; Association N^o 121, 304, Calle Provenza, E-08008 Barcelona (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B23K 20/00**
- (11) **WO 2004/105994** (13) A1
- (21) PCT/JP2004/008011
- (22) **2 Jun/juin 2004 (02.06.2004)**
- (25) ja (26) ja
- (30) 2003-156602 **2 Jun/juin 2003 JP (02.06.2003)**
- (30) 2004-118069 **13 Apr/avr 2004 JP (13.04.2004)**
- (30) 2004-149581 **19 May/mai 2004 JP (19.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LIQUID PHASE DIFFUSION WELDING METHOD FOR METALLIC MACHINE PART AND METALLIC MACHINE PART
• PROCEDE DE SOUDAGE PAR DIFFUSION EN PHASE LIQUIDE POUR PIECE DE MACHINE METALLIQUE ET PIECE DE MACHINE METALLIQUE
- (71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008071 (JP). **FUKUJU INDUSTRY CORPORATION LTD** [JP/JP]; 4005, Nishioyama, Ogumacho, Hashima-shi, Gifu, 5016274 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASEGAWA, Yasushi** [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). **HONMA, Ryuichi** [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). **TAKAGI, Yutaka** [JP/JP]; c/o FUKUJU INDUSTRY CORPORATION LTD, 4005, Nishioyama, Ogumacho, Hashima-shi, Gifu, 5016274 (JP).
- (74) **AOKI, Atsushi et al.** / etc.; A. AOKI, ISHIDA & ASSOCIATES Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1058423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B23K 26/067

(11) WO 2004/105995 (13) A1

(21) PCT/EP2004/005738

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312469.0 30 May/mai 2003 GB (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FOCUSING AN OPTICAL BEAM TO TWO FOCI
• CONCENTRATION D'UN FAISCEAU OPTIQUE SUR DEUX FOYERS

(71) XSIL TECHNOLOGY LIMITED [IE/IE]; Unit 3, Trinity Enterprise Centre, Pearse Street, Dublin 2 (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRISHNAN, Venkatakrisnan [IN/IE]; 106 The Links., North CO. Dublin (IE). BO, Tan [CN/IE]; 106 The Links, Donabate, North CO., Dublin (IE).

(74) WANT, Clifford, J. et al. / etc.; Harrison Goddard Foote, 40-43 Chancery Lane, London WC2A 1JA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B23K 26/36, 26/08

(11) WO 2004/105996 (13) A1

(21) PCT/EP2004/005731

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) 103 24 439.5 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF A SWAGING
• PROCEDE ET DISPOSITIF PERMETTANT DE FORMER UNE CAVITE

(71) LASERTEC GMBH [DE/DE]; Maybachstrasse 6, 87437 Kempten (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILDEBRAND, Peter [DE/DE]; Mühlentwiesweg 18, 87459 Pfronten (DE).

REISACHER, Martin [DE/DE]; Mariabergerstrasse 69 a, 87435 Kempten (DE).

KUHL, Michael [DE/DE]; Feistle Strasse 12 b, 87629 Füssen (DE). REINICKE, Gottfried [DE/DE]; Im Stifallmey 2, 87439 Kempten (DE).

(74) BEETZ & PARTNER; Steinsdorfstrasse 10, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B23K 35/00

(11) WO 2004/105997 (13) A1

(21) PCT/IB2004/050762

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 03101561.3 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR SOLDERING TO A COPPER COMPRISING OBJECT USING A LEAD-FREE SOLDER ALLOY
• PROCEDE POUR REALISER UN BRASAGE SUR UN OBJET CONTENANT DU CUIVRE A L'AIDE D'UN ALLIAGE DE BRASAGE SANS PLOMB

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE KLUIZENAAR, Erik, E. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PEREZ AYALA, Marieta, G. [BO/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DEGUELLE, Wilhelmus, H., G.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B24B 7/18, 49/00

(11) WO 2004/105998 (13) A1

(21) PCT/AT2004/000184

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) A 832/2003 28 May/mai 2003 AT (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLOOR SANDING MACHINE
• PONCEUSE DE SOL

(71) PUCHEGGER U. BEISTEINER BAU U. HAUSTECHNIK GESMBH. [AT/AT]; Reingrub 22, A-2851 Krumbach (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PUCHEGGER, Alfred [AT/AT]; Reingrub 22, A-2851 Krumbach (AT). BEISTEINER, Hermann [AT/AT]; Reingrub 22, A-2851 Krumbach (AT).

(74) HOLZER, Walter et al. / etc.; Schottenring 16, Börsegebäude, A-1010 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B24B 9/16, B23K 26/00, B28D 5/00

(11) WO 2004/105999 (13) A1

(21) PCT/IN2003/000245

(22) 18 Jul/juil 2003 (18.07.2003)

(25) en (26) en

(30) 550/MUM/2003 30 May/mai 2003 IN (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A NOVEL LASER BRUTING MACHINE
• NOUVELLE MACHINE DE DEBRUTAGE AU LASER

(71, 72) PATEL, Arvindbhai, Lavjibhai [IN/IN]; 48/A, Arvind Estate, Bapunagar, Ahmedabad 380 025 (IN).

(74) ACHARYA, Rajeshkumar; H. K. Acharya & Company, M/2, N.R. House, Near Popular House, Ashram Road, Ahmedabad 380 009 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ B24B 37/04, 53/007, 49/10
- (11) WO 2004/106000 (13) A1
- (21) PCT/US2004/005523
- (22) 26 Feb/fév 2004 (26.02.2004)
- (25) en (26) en
- (30) 10324429.8 28 May/mai 2003 DE (28.05.2003)
- (30) 10/747,723 29 Dec/déc 2003 US (29.12.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A METHOD AND SYSTEM FOR CONTROLLING THE CHEMICAL MECHANICAL POLISHING BY USING A SENSOR SIGNAL OF A PAD CONDITIONER
- PROCEDE ET SYSTEME POUR CONTROLER LE POLISSAGE MECANO-CHIMIQUE AU MOYEN D'UN SIGNAL DE DETECTION D'UN CONDITIONNEUR DE PASTILLES
- (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72, 75) KRAMER, Jens [—/DE]; Pestalozziplatz 16, D-01127 Dresden (DE). STOECKGEN, Uwe, Gunter [—/DE]; Collenbuschstr. 28, D-01324 Dresden (DE). KUNATH, Jens [—/DE]; Lomnitzer Hauptstrasse 51, D-01454 Wachau (DE).
- (74) DRAKE, Paul, S.; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106002 (13) A1
- (21) PCT/US2004/010844
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 0311803.1 22 May/mai 2003 GB (22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WIPING ARTICLES HAVING A SCOURING SURFACE
- ARTICLES D'ENTRETIEN PRESENTANT UNE SURFACE DE RECURAGE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THIOLIERE, Stephane [FR/FR]; 3M France, 1 Avenue Boule BP 28, F-95250 Beauchamp (FR). POLLAUD, Guy M. [FR/FR]; 3M France, 1 Avenue Boule BP28, F-95250 Beauchamp (FR). DUCHAMP, Laetitia A. [FR/FR]; 3M France, 1 Avenue Boule BP28, F-95250 Beauchamp (FR). CABRERO GOMEZ, Estrella [ES/ES]; 3M Spain, Juan Ignacio Luca de Tena 19-25, E-28027 Madrid (ES).
- (74) JONAS, George W., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) ja (26) ja
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • VITRIFIED GRINDING WHEEL AND METHOD OF MANUFACTURING THE SAME
- MEULE VITRIFIEE ET PROCEDE DE FABRICATION ASSOCIE
- (71) BOSCH AUTOMOTIVE SYSTEMS CORPORATION [JP/JP]; 6-7, Shibuya 3-chome, Shibuya-ku, Tokyo 1508360 (JP). NORITAKE CO., LIMITED [JP/JP]; 1-36, Noritake-Shinmachi 3-chome, Nishi-ku, Nagoya-shi, Aichi 4518501 (JP). NORITAKE SUPER ABRASIVE CO., LTD. [JP/JP]; 210, Oaza-Takeno, Tanushimaru-machi, Ukiha-gun, Fukuoka 8391215 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YUI, Takayuki [JP/JP]; c/o Bosch Automotive Systems Corporation, 13-26, Yakyu-cho 3-chome, Higashimatsuyama-shi, Saitama 3558603 (JP). KUBOTA, Osamu [JP/JP]; c/o Bosch Automotive Systems Corporation, 13-26, Yakyu-cho 3-chome, Higashimatsuyama-shi, Saitama 3558603 (JP). FURUKAWA, Hideo [JP/JP]; c/o Bosch Automotive Systems Corporation, 13-26, Yakyu-cho 3-chome, Higashimatsuyama-shi, Saitama 3558603 (JP). KISHIMOTO, Masatoshi [JP/JP]; c/o Noritake Super Abrasive Co., Ltd., 1-36, Noritake-Shinmachi 3-chome, Nishi-ku, Nagoya-shi, Aichi 4518501 (JP). UKAI, Naoyuki [JP/JP]; c/o Noritake Bonded Abrasive Co., Ltd., 1-36, Noritake-Shinmachi 3-chome, Nishi-ku, Nagoya-shi, Aichi 4518501 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 1040031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106003 (13) A1
- (21) PCT/IB2004/001747
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
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- (30) 2003/8698 7 Nov/nov 2003 ZA (07.11.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POLYCRYSTALLINE DIAMOND ABRASIVE ELEMENTS
- ELEMENTS ABRASIFS EN DIAMANT POLYCRYSTALLIN
- (71) ELEMENT SIX (PTY) LTD [ZA/ZA]; Debid Road, Nuffield, 1559 Springs (ZA).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LANCASTER, Brett [ZA/ZA]; 59 Columbus Road, East Village, Sunward Park, 1470 Boksburg (ZA). ROBERTS, Bronwyn, Annette [ZA/ZA]; 94 18th Street, 2193 Parkhurst (ZA). PARKER, Imraan [ZA/ZA]; Unit 3, 29A Arundel Road, 2092 Westdene (ZA). TANK, Klaus [ZA/ZA]; 9 Warbleton Avenue Essexwold, 2001 Johannesburg (ZA). ACHILLES, Roy, Derrick [ZA/ZA]; 608 San Martinho, Leicester Road, 2007 Bedfordview (ZA). VAN DER RIET, Clement, David [ZA/ZA]; 6 Du Plessis Street, 1609 Edenglen (ZA).
- (74) DONALD, Heather, June et al. / etc.; Spoor & Fisher, P.O. Box 41312, 2024 Craighall (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B24D 17/00, 18/00
- (11) WO 2004/106004 (13) A1
- (21) PCT/IB2004/001751
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- (30) 2003/4096 27 May/mai 2003 ZA (27.05.2003)
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POLYCRYSTALLINE DIAMOND ABRASIVE ELEMENTS
• ELEMENTS ABRASIFS A BASE DE DIAMANT POLYCRISTALLIN
- (71) ELEMENT SIX (PTY) LTD [ZA/ZA]; Debid Road, Nuffield, 1559 Springs (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LANCASTER, Brett [ZA/ZA]; 59 Columbus Road, East Village, Sunward Park, 1470 Boksburg (ZA). ROBERTS, Bronwyn, Annette [ZA/ZA]; 94 18th Street, 2193 Parkhurst (ZA). PARKER, Imraan [ZA/ZA]; Unit 3, 29A Arundel Road, 2092 Westdene (ZA). ACHILLES, Roy, Derrick [ZA/ZA]; 608 San Martinho, Leicester Road, 2007 Bedfordview (ZA).
- (74) DONALD, Heather, June et al. / etc.; Spoor & Fisher, P.O. Box 41312, 2024 Craighall (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B25B 11/00, E04F 21/00
- (11) WO 2004/106005 (13) A1
- (21) PCT/GB2004/002312
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 0312311.4 29 May/mai 2003 GB (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A CLAMP APPARATUS
• DISPOSITIF DE SERRAGE
- (71, 72) CHURCHMAN, Timothy, Michael, Oliver [GB/GB]; 57 Turner Street, Abington, Northampton NN1 4JJ (GB).
- (74) URQUHART-DYKES & LORD LLP; Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B25B 15/02
- (11) WO 2004/106006 (13) A1
- (21) PCT/US2004/013777
- (22) 3 May/mai 2004 (03.05.2004)
- (25) en (26) en
- (30) 10/444,732 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HAND OR AUTOMATIC DRIVEN TOOL FOR ATTACHING SCREWED ANCHORS
• OUTIL A ENTRAINEMENT MANUEL OU AUTOMATIQUE POUR FIXER DES ANCRÉS VISSEES
- (71, 72) ODACHOWSKI, Mark [US/US]; 9939 Jerry Mack Road, Suite 400, Ocean City, MD 21842 (US).
- (74) GUFFEY, Larry, J.; World Trade Center, Suite 1800, 401 East Pratt Street, Baltimore, MD 21202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106007 (13) A1
- (21) PCT/US2003/016390
- (22) 27 May/mai 2003 (27.05.2003)
- (25) en (26) en
- (30) 9 Dec/déc 2004 (09.12.2004)
- (54) • SCREW HOLDING AND DRIVING DEVICE
• DISPOSITIF DE MAINTIEN ET DE COMMANDE DE VIS
- (71) ROBERT BOSCH TOOL CORPORATION [US/US]; 2800 S. 25th Avenue, Broadview, IL 60155 (US).
- (72) PHILLIPS, Gregory, A.; 5400 Smith Haven, LaGrange, KY 40031 (US). RISEN, Carl, W., Jr.; 3923 Fieldside Circle, Louisville, KY 40299 (US). WARD, Kevin, M.; 9008 Hatterhall Drive, Louisville, KY 40291 (US). TAYLOR, Steven, H.; 9583 Poplar Hill Drive, Crestwood, KY 40014 (US).
- (74) MAGINOT, Paul, J.; Maginot, Moore & Bowman, Bank One Center/Tower, 1111 Monument Circle, Suite 3000, Indianapolis, IN 46204-5115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106008 (13) A2
- (21) PCT/US2004/017188
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 60/474,185 29 May/mai 2003 US (29.05.2003)
- (30) 10/837,842 3 May/mai 2004 US (03.05.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SUBSTRATE HANDLING SYSTEM
• SYSTEME DE MANIPULATION DE SUBSTRAT
- (71) PERKINELMER, INC. [US/US]; 45 William Street, Wellesley, MA 02481 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHAVER, Norman, L. [US/US]; 1410 W. Placita Pingo, Tucson, AZ 85704 (US). ELLIS, Timothy, A. [US/US]; 2959 N. Sparkman Blvd., Tucson, AZ 85716 (US). HILL, David, R. [US/US]; 11667 N. Cassiopeia Drive, Oro Valley, AZ 85737 (US).
- (74) SHANSKE, Jason, D. et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B25J 13/08, B65G 1/137

(11) WO 2004/106009 (13) A1

(21) PCT/JP2004/008019

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ja (26) ja

(30) 2003-156205 2 Jun/juin 2003 JP
(02.06.2003)

(30) 2003-158346 3 Jun/juin 2003 JP
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ARTICLE OPERATING SYSTEM AND
METHOD, AND ARTICLE MANAGING
SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE COM-
MANDE ET SYSTEME ET PROCEDE
DE MANIPULATION D'ARTICLES

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO.,LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OKAMOTO, ShusakuYAMADA,
OsamuNARUOKA, TomonobuMAT-
SUKAWA, YoshihikoSATO, Satoshi

(74) MAEDA, Hiroshi et al. / etc.; Os-
aka-marubeni Bldg., 5-7, Hommachi
2-chome, Chuo-ku, Osaka-shi, Osaka,
5410053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B25J 15/06

(11) WO 2004/106010 (13) A1

(21) PCT/JP2004/007567

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-148948 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VACUUM CLAMPING DETECTION
METHOD AND VACUUM CLAMPING
DETECTOR

• PROCEDE DE DETECTION DE SER-
RAGE PAR DEPRESSION ET DETEC-
TEUR DE SERRAGE PAR DEPRES-
SION

(71) KOGANEI CORPORATION [JP/JP];
8-16, Iwamotocho 3-chome, Chiyoda-ku,
Tokyo 1010032 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAKAHASHI, Yuji [JP/JP]; c/o Ko-
ganei Corporation, 8-16, Iwamotocho
3-chome, Chiyoda-ku, Tokyo 1010032 (JP).

(74) TSUTSUI, Yamato et al. / etc.; Tsutsui &
Associates, 3F, Azeria Bldg., 1-1, Nishi-shin-
juku 8-chome, Shinjuku-ku, Tokyo 160023
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B25J 17/02

(11) WO 2004/106011 (13) A1

(21) PCT/EP2003/051097

(22) 23 Dec/déc 2003 (23.12.2003)

(25) en (26) en

(30) GE2003A000040 30 May/mai 2003 IT
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ARMILLEYE: A THREE DEGREE-
OF-FREEDOM SPHERICAL PARAL-
LEL MECHANISM

• SPHERE ARMILLAIRE: MECANISME
PARALLELE SPHERIQUE PRESEN-
TANT TROIS DEGRES DE LIBERTE

(71, 72) ZOPPI, Matteo [IT/IT]; Via S. d'Aquisto
2/26, I-16138 Genova (IT). MOLFINO,
Rezia [IT/IT]; Via Montallegro 5/3, I-16145
Genova (IT).

(74) KARAGHIOSOFF, Alessandro, Giorgio;
Studio Karaghiosoff e Frizzi S.a.s., Via Pec-
corile 25, I-17015 Celle Ligure (SV) (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B26B 1/08

(11) WO 2004/106012 (13) A1

(21) PCT/US2003/016121

(22) 22 May/mai 2003 (22.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • KNIFE WITH TRIGGER ACTUATOR
FOR RETRACTABLE BLADE

• COUTEAU AVEC ACTIONNEUR DE
DECLENCHEUR POUR LAME RE-
TRACTABLE

(71) ALLTRADE TOOLS, LLC. [US/US]; 1431
Via Plata, Long Beach, CA 90810-9066 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HERNANDEZ, Hector [US/US]; 1286
Starbuck Street, Fullerton, CA 92833 (US).
NASH, Jamie [US/US]; 4 Crystalaiare Drive,
Rancho Santa Margarita, CA 92688 (US).
TSENG, Han, Chung [—/—]; Jye Lins Co.
LTD, No. 6, Lane 380 Nan Ying Rd., Nantou
City (TW) (TW).

(74) CONNORS, John, J.; Connors & Asso-
ciates, Inc., 1600 Dove Street #220, Newport
Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B26B 19/00, 19/14, 19/38

(11) WO 2004/106013 (13) A1

(21) PCT/NZ2004/000106

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 526193 29 May/mai 2003 NZ
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RAZOR

• RASOIR

(71) DER PATENTS LIMITED [NZ/NZ]; 18
Byron Avenue, Takapuna, Auckland, 1309
(NZ).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MITCHELL, Colin [GB/NZ]; 193
Hurstmere Road, Takapuna, Auckland, 1309
(NZ). SCHOLZ, Kurt, Laurence [US/NZ];
33B Salamanca Road, Sunnynook, Auckland,
1309 (NZ).

(74) PIPER, James, William et al. / etc.; 18 By-
ron Avenue, Takapuna, Auckland, 1309 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(t) for all designations / pour toutes les designations
(u) for / pour US only / seulement
-
- (51)⁷ B26B 29/06, 11/00
(11) WO 2004/106014 (13) A1
(21) PCT/US2003/029305
(22) 19 Sep/sep 2003 (19.09.2003)
(25) en (26) en
(30) 10/443,687 21 May/mai 2003 US (21.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • SHEETROCK PANEL CUTTING DEVICE
• DISPOSITIF DE DECOUPAGE DE PANNEAUX DE SHEETROCK
(71, 72) CORNACCHIO, Michael [US/US]; 2027 Jones Avenue, Wantagh, NY 11793 (US).
(74) FARRELL, Paul, J. et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B26D
(11) WO 2004/106015 (13) A2
(21) PCT/US2004/010949
(22) 16 Apr/avr 2004 (16.04.2004)
(25) en (26) en
(30) 60/473,888 29 May/mai 2003 US (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • CUTTING HEAD FOR CUTTING A FOOD PRODUCT
• TETE DE COUPE SERVANT A COUPER UN PRODUIT ALIMENTAIRE
(71) URSCHEL LABORATORIES, INC. [US/US]; 2503 Calumet Avenue, Valparaiso, IN 46383 (US).

- (for all designated States except / pour tous les États désignés sauf US)
- (72) KING, Daniel, W.; 2053 Carlisle Lane, Valparaiso, IN 46385 (US).
(74) CASSELL, Justin, J. et al. / etc.; Bacon & Thomas, PLLC, 625 Slaters Lane - 4th Floor, Alexandria, VA 22314 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B26D
(11) WO 2004/106016 (13) A2
(21) PCT/US2004/016600
(22) 26 May/mai 2004 (26.05.2004)
(25) en (26) en
(30) 60/473,594 27 May/mai 2003 US (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • DRIVE BELT CUTTER ASSEMBLY
• ENSEMBLE DE DECOUPE POUR DECOUPE SUR COURROIE D'ENTRAINEMENT
(71) NORTH AMERICAN PRODUCTS CORPORATION [US/US]; 1180 Wernsing Road, P.O. Box 647, Jasper, IN 47547-0647 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MUNCH, Bradford, J. [US/US]; 740 East State Road 56, Jasper, IN 47546 (US).
SEGAL, John, M. [US/US]; 1325 Altmeyer Road, Jasper, IN 47546 (US).
(74) COFFEY, William, R.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B26D 1/58, B31C 3/00
(11) WO 2004/106017 (13) A1
(21) PCT/IT2004/000297
(22) 24 May/mai 2004 (24.05.2004)

- (25) en (26) en
(30) FI2003A000155 30 May/mai 2003 IT (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • MACHINE FOR PRODUCING TUBULAR PRODUCTS WITH A CUTTER CARRIED BY A ROTATING ARM AND RELATIVE PRODUCTION METHOD
• MACHINE DE PRODUCTION DE PRODUITS TUBULAIRES DOTEE D'UN ORGANE DE DECOUPE SOUTENU PAR UN BRAS ROTATIF ET PROCEDE DE PRODUCTION ASSOCIE
(71) FABIO PERINI S.P.A. [IT/IT]; Zone Ind.le P.I.P. Mugnano Sud, I-55100 Lucca (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GELLI, Mauro [IT/IT]; Via del Marginone 24, Fraz. Pieve S. Paolo, I-55066 Capannori (Lucca) (IT).
CHIOCCHETTI, Mario, Gioni [IT/IT]; Via di Tiglio, 612, Pieve di Compito, I-55065 Capannori, Lucca (IT).
(74) MANNUCCI, Michele et al. / etc.; Ufficio Tecn. Ing. A. Mannucci S.R.L., Via della Scala, 4, I-50123 Firenze (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B26D 7/06
(11) WO 2004/106018 (13) A1
(21) PCT/EP2004/003521
(22) 2 Apr/avr 2004 (02.04.2004)
(25) de (26) de
(30) 103 24 837.4 2 Jun/juin 2003 DE (02.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • DEVICE FOR SLICING FOOD PRODUCTS
• DISPOSITIF POUR TRANCHER DES PRODUITS ALIMENTAIRES
(71) WEBER MASCHINENBAU GMBH & CO. KG [DE/DE]; Formerstr. 3, 35236 Breidenbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WEBER, Günther [DE/DE]; Zachow 5, 17094 Zachow (DE).
(74) MANITZ, FINSTERWALD & PARTNER GBR; Postfach 31 02 20, 80102 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B26D 7/20

(11) WO 2004/106019 (13) A1

(21) PCT/US2004/010215

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/442,700 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CUTTING MAT AND METHOD OF INSTALLING A CUTTING MAT ON A ROTARY ANVIL
• PIECE DE DECOUPAGE ET SA METHODE D'INSTALLATION SUR UNE ENCLUME ROTATIVE

(71) DAY INTERNATIONAL, INC. [US/US]; 130 West Second Street, Dayton, OH 45402 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELIA, John, R. [US/US]; 2 Quail Hollow Drive, Arden, NC 28704 (US).
SHELTON, Jerry [US/US]; 23 Kirstein Road, Fairview, NC 28730 (US).
BRYSON, Ronnie, E. [US/US]; 144 Mint Road, Sylva, NC 28779 (US).

(74) HAGAN, Timothy, W. et al. / etc.; Dinsmore & Shohl, LLP, One Dayton Centre, One South Main Street, Suite 500, Dayton, OH 45402-2023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B26D 7/30, 5/20

(11) WO 2004/106020 (13) A1

(21) PCT/DK2004/000382

(22) 3 Jun/juin 2004 (03.06.2004)

(25) en (26) en

(30) PA 2003 00824 3 Jun/juin 2003 DK (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AND METHOD FOR PORTION CUTTING OF FOOD ARTICLES
• APPAREIL ET PROCÉDE DE DECOUPAGE DE PORTIONS DE PRODUITS ALIMENTAIRES

(71) SCANVAEGT INTERNATIONAL A/S [DK/DK]; P.O. Pedersens Vej 18, DK-8200 Aarhus N (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRUNDTVIG, Lars [DK/DK]; Lykkendalsvej 10, DK-8220 Brabrand (DK).
NIELSEN, Ulrich, Carlin [DK/DK]; Hjarbæksvej 20, DK-8680 Ry (DK).

(74) PATENTGRUPPEN APS; Arosgaarden, Aaboulevarden 31, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B27C

(11) WO 2004/106021 (13) A2

(21) PCT/US2004/016277

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,730 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RECIPROCATING ATTACHMENT FOR POWER DRILLS
• ACCESSOIRE A MOUVEMENT ALTERNATIF POUR PERCEUSES ELECTRIQUES

(71) PROFESSIONAL TOOL MANUFACTURING LLC [US/US]; 210 East Hersey Street, P.O. Box 730, Ashland, OR 97520 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERNARD, David [US/US]; 378 Terrace Street, Ashland, OR 97520 (US).
CHRISTIAN, William [US/US]; 778 Oak Street, Ashland, OR 97520 (US).
HARRIS, Scott [US/US]; 1990 Teakwood Drive, Eagle Point, OR 97524 (US).
MOSTTLER, Keith [US/US]; 13234 Antioch Road, White City, OR 97530 (US).
O'DOUGHERTY, Hank [US/US]; 165 Gresham Street, Ashland, OR 97520 (US).
DOVEL, Daniel [US/US]; 9004 Highway 39, Klamath Falls, OR 97603-9712 (US).

(74) KERINS, John, C.; Miles & Stockbridge P.C., 1751 Pinnacle Drive, Suite 500, McLean, VA 22102-3833 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B27G 1/00

(11) WO 2004/106022 (13) A1

(21) PCT/EP2004/005650

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 03011904.4 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR THE PROCESSING OF A WOOD ELEMENT WITH A THERMOPLASTIC FILLER
• PROCÉDE ET DISPOSITIF DE TRAITEMENT D'UN ELEMENT BOIS A L'AIDE D'UNE CHARGE THERMOPLASTIQUE

(71) ROBATECH AG [CH/CH]; Pilatusring 10, CH-5630 Muri (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Heinz [CH/CH]; Baumgärtliring 17, CH-4460 Gelterkinden (CH).
KAPPELER, Roman [CH/CH]; Verenagässli 9, CH-5630 Muri (CH).

(74) HEUSCH, Christian; Chamerstrasse 50, CH-6300 Zug (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B27K 3/15, 3/36

(11) WO 2004/106023 (13) A1

(21) PCT/US2003/012341

(22) 21 Apr/avr 2003 (21.04.2003)

(25) en (26) en

(30) 60/374,543 21 Apr/avr 2002 US (21.04.2002)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MATERIALS AND METHODS FOR TREATING LUMBER AND WOOD PRODUCTS

- SUBSTANCES ET PROCEDES DESTINES AU TRAITEMENT DU BOIS D'OEUVRE ET D'AUTRES PRODUITS DU BOIS

(71) QUICK-MED TECHNOLOGIES, INC. [US/US]; 3427 SW 42nd Way, Gainesville, FL 32608 (US).

(72) WILLIAM, Toreki; 3427 SW 42nd Way, Gainesville, FL 32608 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B28B 15/00, 13/02, 3/12

(11) WO 2004/106024 (13) A1

(21) PCT/AU2004/000719

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2003902691 30 May/mai 2003 AU (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF AND APPARATUS FOR FORMING A BUILDING PANEL CORE

- PROCEDE ET APPAREIL DE FORMATION D'UNE AME DE PANNEAU DE CONSTRUCTION

(71) E.I.F.S. HOLDINGS LIMITED [NZ/NZ]; PO Box 2106, Wellington (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTIN, Vincent, Michael [AU/AU]; 11 Brigitte Street, Sunnybank Hills, QLD 4109 (AU). VILLANI, Giancarlo, Antonio [AU/AU]; 40 Dairyple Street, Wilston, QLD 4051 (AU).

(74) AHEARN FOX; Patent & Trade Mark Attorneys, Level 4, T & G Building, 141 Queen Street, Brisbane, QLD 4001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29B 17/00, 9/16, B29C 47/00, C08J 11/06

(11) WO 2004/106025 (13) A1

(21) PCT/EP2004/005757

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) 103 24 098.5 27 May/mai 2003 DE (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR RECYCLING POLYETHYLENE-TEREPHTHALATE (PET) FOR FOOD CONTACT APPLICATIONS

- PROCEDE DE RECYCLAGE DU POLYTEREPHTHALATE D'ETHYLENE (PET) A USAGE ALIMENTAIRE

(71) OHL TECHNOLOGIES GMBH [DE/DE]; Blumenröder Strasse 3a, 65549 Limburg/Lahn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREDL, Rüdiger [DE/DE]; Otto-Hahn-Strasse 6, 65549 Limburg/Lahn (DE). SCHNELL, Hans [DE/DE]; Mohnweg 5, 56357 Obertiefenbach (DE). SCHOLLER, Martin [DE/DE]; Ferdinand von Miller Strasse 21, 82343 Niederpöcking (DE).

(74) GROSSE, Wolfgang et al. / etc.; Grosse Bockhorni Schumacher, Forstrieder Allee 59, 81476 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designation / pour la désignation suivante : US

(t) for all designations / pour toutes les désignations

(51)⁷ B29C 33/60, 33/64, C08L 83/04

(11) WO 2004/106026 (13) A1

(21) PCT/US2004/015266

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/444,801 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MOLD RELEASE COMPOSITION AND PROCESS THEREWITH

- COMPOSITION DE DEMOULAGE ET PROCEDE ASSOCIE

(71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOFFETT, Robert, Harvey [US/US]; 6 Crossan Court, Landenberg, Pennsylvania 19350 (US).

(74) SHAY, Lucas, K.; E. I. Du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B29C 35/08, B29B 13/02, 13/08

(11) WO 2004/106027 (13) A1

(21) PCT/NL2004/000384

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 1023563 28 May/mai 2003 NL (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • THERMOSETTING MATERIAL; PROCESS AND APPARATUS FOR FORMING THERMOSETTING MATERIAL

- MATERIAU THERMODURCISSANT, PROCEDE ET DISPOSITIF DE FORMATION D'UN MATERIAU THERMODURCISSANT

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN BENTHEM, Rudolfus, Antonius, Theodorus, Maria [NL/NL]; Sportlaan 9, NL-6141 BR Limbricht (NL). NUSSELDER, Jan, Jacob, Hendrik [NL/NL]; Kerkstraat 20, NL-6174 RE Sweikhuizen (NL). STIJNEN, Hubertus, Marie, Christine [NL/NL]; Grasgraefken 7, NL-6171 SH Stein (NL).

(74) SCHELTUS, I.; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B29C 43/02, 43/36, 70/46, B29D 1/00 // B29C 70/42

(11) WO 2004/106028 (13) A1

(21) PCT/EP2004/005527

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) MI2003 A 001066 28 May/mai 2003 IT (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROCESS FOR GIVING A ROD ITS FINAL SHAPE

• PROCEDE DESTINE A DONNER A UNE TIGE SA FORME DEFINITIVE

(71) TOP GLASS S.P.A. [IT/IT]; Via Monte Suello, 18, I-25128 Brescia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRANCA, Alfonso [IT/IT]; Via Duccio di Boninsegna, 15, I-20145 Milano (IT).

(74) RAPISARDI, Mariacristina; Ufficio Brevetti Rapisardi S.r.l., Via Serbelloni, 12, I-20122 Milano (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B29C 45/28, 45/02, 45/16, 45/57, 45/56

(11) WO 2004/106029 (13) A2

(21) PCT/EP2004/006000

(22) 3 Jun/juin 2004 (03.06.2004)

(25) de (26) de

(30) 103 25 260.6 3 Jun/juin 2003 DE (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR INJECTING AN INJECTION MOLDED PART MADE OF PLASTIC

• PROCEDE ET DISPOSITIF D'INJECTION D'UNE PIECE EN PLASTIQUE MOULEE PAR INJECTION

(71, 72) GAUSS, Ralph [DE/LU]; 8A, rue Emile Mayrisch, L-3522 Dudelange (LU).

(74) WEISS, Peter; Zeppelinstrasse 4, 78234 Engen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 45/54, 45/53

(11) WO 2004/106030 (13) A1

(21) PCT/EP2004/005838

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 103 24 629.0 28 May/mai 2003 DE (28.05.2003)

(30) 103 45 609.0 29 Sep/sep 2003 DE (29.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PLASTICISING AND INJECTING DEVICE

• DISPOSITIF DE PLASTIFICATION ET D'INJECTION

(71) BILLION S.A. [FR/FR]; 1, avenue Victor Hugo, F-01104 Oyonnax Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COSGUN, Dudu [FR/FR]; Résidence E. Quinet, 1, rue Montaigne, F-01100 Oyonnax (FR).

(74) WILHELM, Ludwig; MPM Consulting & Services GmbH FS, Krauss-Maffei Strasse 2, 80997 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B29C 47/50, 47/08

(11) WO 2004/106031 (13) A1

(21) PCT/EP2004/004093

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 03011995.2 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INSTALLATION FOR REPROCESSING MATERIALS

• INSTALLATION SERVANT A TRAITER DES MATERIAUX

(71) COPERION WERNER & PFLEIDERER GMBH & CO. KG [DE/DE]; Theodorstrasse 10, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUNZ, Rainer [DE/DE]; Eulenhöfle 5, 71540 Murrhardt (DE). STRECKER, Jürgen [DE/DE]; Banater Strasse 25, 70825 Körtal (DE).

(74) RAU, Manfred et al. / etc.; Königstrasse 2, 90402 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B29C 47/50, B29B 7/42

(11) WO 2004/106032 (13) A1

(21) PCT/EP2004/004112

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 03011996.0 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PLANT FOR THE PREPARATION OF MATERIALS

• INSTALLATION POUR LA PREPARATION DE MATIERES

(71) COPERION WERNER & PFLEIDERER GMBH & CO. KG [DE/DE]; Theodorstrasse 10, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUNZ, Rainer [DE/DE]; Eulenhöfle 5, 71540 Murrhardt (DE).

(74) RAU, Manfred; Königstrasse 2, 90402 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B29C 47/50, 47/08

(11) WO 2004/106033 (13) A1

(21) PCT/EP2004/004157

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 03011994.5 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INSTALLATION FOR PREPARING MA-
TERIALS

- DISPOSITIF POUR PREPARER DES
SUBSTANCES

(71) COPERION WERNER & PFLEIDERER
GMBH & CO. KG [DE/DE]; Theodorstrasse
10, 70469 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MUNZ, Rainer [DE/DE]; Eulenhöfle 5,
71540 Murrhardt (DE). STRECKER, Jür-
gen [DE/DE]; Banater Strasse 25, 70825 Kor-
ntal (DE).

(74) RAU, Manfred et al. / etc.; Königstrasse 2,
90402 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B29C 47/90

(11) WO 2004/106034 (13) A1

(21) PCT/EP2004/004361

(22) 24 Apr/avr 2004 (24.04.2004)

(25) de (26) de

(30) 103 24 187.6 28 May/mai 2003 DE
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMBINED ROLL FOR A PIPE EX-
TRUSION INSTALLATION

- ROULEAU COMBINE POUR INSTAL-
LATION D'EXTRUSION DE TUYAUX

(71) KRAUSS-MAFFEI KUNST-
STOFFTECHNIK GMBH [DE/DE];
Krauss-Maffei-Str. 2, 80997 München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ULRICH, Herbert [DE/DE]; Nord-
walder Strasse 104, 48282 Emsdetten (DE).

(74) ZOLLNER, Richard; mpm consulting &
services GmbH, FS, Krauss-Maffei Str. 2,
80997 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B29C 49/00

(11) WO 2004/106035 (13) A2

(21) PCT/CA2004/000804

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2,430,546 30 May/mai 2003 CA
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOLLOW NICKEL MOLD MEMBERS
FOR USE IN BLOW MOLDING

- ELEMENTS DE MOULAGE CREUX
EN NICKEL DESTINES A ETRE UTI-
LISES DANS LE MOULAGE PAR
SOUFFLAGE

(63) US 10/714,419 (CON)
12 Nov/nov 2003 (12.11.2003)

(71) SIG RYKA INC. [CA/CA]; 1608 Bonhill
Road, Mississauga, Ontario L5T 1C7 (CA).
WEBER MANUFACTURING LIMITED
[CA/CA]; 16566 Highway 12, P.O. Box 399,
Midland, Ontario L4R 4L1 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RYAN, Michael, J. [CA/CA]; 28
Hunters Glen, Aurora, Ontario L4G 6W4
(CA). WEBER, Reinhart [CA/CA]; 256
Gordon Drive, Penetanguishene, Ontario
L9M 1H4 (CA).

(74) RIDOUT & MAYBEE LLP; One Queen
Street East, Suite 2400, Toronto, Ontario
M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B29C 49/42, B29B 11/14, C08J 7/06 //
B29K 67:00

(11) WO 2004/106036 (13) A1

(21) PCT/EP2004/050908

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03011980.4 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF CONDITIONING THER-
MOPLASTIC POLYMER PACKAGES

- PROCEDE DE CONDITIONNEMENT
D'EMBALLAGES POLYMERES THER-
MOPLASTIQUES

(71) ECOLAB INC. [US/US]; 370 Wabasha
Street N, St. Paul, MN 55102-1390 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ANDERHEGGEN, Bernd [DE/DE];
Kampstrasse 113, 42781 Haan (DE).
SCHNEIDER, Michael [DE/DE]; Am
Steenblenk 6, 41363 Jüchen (DE). SEL-
BERTINGER, Josef [DE/DE]; Salinenfeld
14, 83224 Staudach-Egerndach (DE).

(74) STERNAGEL, FLEISCHER, GODE-
MEYER & PARTNER; An den Gärten 7,
51491 Overath (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B29C 53/58, D21G 1/02, B29C 47/02,
47/06, 47/70 // B29K 7:00, 9:06, 19:00,
23:00, 75:00

(11) WO 2004/106037 (13) A1

(21) PCT/US2004/007085

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/441,636 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR FORMING COVER FOR
INDUSTRIAL ROLL

- PROCEDE DE FORMATION
D'ELEMENT DE COUVERTURE POUR
ROULEAU INDUSTRIEL

(71) STOWE WOODWARD, LLC [US/US]; 1
Technology Drive, Westborough Technology
Park, Westborough, MA 01581 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) **MADDEN, Michael, D.** [US/US]; 125 North Cameron Street, #4, Winchester, VA 22601 (US). **VOSIKA, Matthew** [US/US]; 2181 Shawn Drive, Middletown, VA 22645 (US).
- (74) **MYERS BIGEL SIBLEY & SAJOVEC** P.A.; P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 65/02, F16L 9/133, 11/04**
 (11) **WO 2004/106038** (13) A2
 (21) PCT/EP2004/005248
 (22) **15 May/mai 2004 (15.05.2004)**
 (25) en (26) en
 (30) 60/509,057 **29 May/mai 2003 US (29.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • JOINING OF MULTILAYER THERMOPLASTIC PIPES
 • ASSEMBLAGE DE TUYAUX THERMOPLASTIQUES MULTICOUCHE
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAGAN, Val, A.** [US/US]; 122 Edgefield Drive, Morris Plains, NJ 07950 (US). **KELLEHER, James, M.** [US/US]; 7725 Bluechurch Road, Coopersburg, PA 18036 (US). **VIOLA, Walter, J.** [US/US]; 7 harvest, Clinton, NJ 08809 (US).
- (74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 65/50, B66B 23/24, F16G 3/10, B29D 29/06**
 (11) **WO 2004/106039** (13) A1
 (21) PCT/AT2004/000182
 (22) **27 May/mai 2004 (27.05.2004)**
- (25) de (26) de
 (30) A 825/2003 **28 May/mai 2003 AT (28.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • SPLICING CONSTRUCTION FOR LONGITUDINAL PROFILES
 • STRUCTURE DE RACCORDEMENT POUR PROFILS LONGITUDINAUX
- (71) **SEMPERIT AKTIENGESELLSCHAFT HOLDING** [AT/AT]; Modecenterstrasse 22, A-1031 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DÜRRER, Albrecht** [AT/AT]; Hügellgasse 14/4, A-2540 Bad Vöslau (AT). **IMNITZER, Johann** [AT/AT]; Tannenstrasse 5, Ternitz-Putzmannsdorf, A-2632 Wimpassing (AT).
- (74) **SECKLEHNER, Günter**; Rosenauerweg 16, A-4580 Windischgarsten (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 67/00**
 (11) **WO 2004/106040** (13) A1
 (21) PCT/JP2004/007359
 (22) **28 May/mai 2004 (28.05.2004)**
 (25) ja (26) ja
 (30) 2003-155837 **30 May/mai 2003 JP (30.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • METHOD OF CURING RESIN AND PROCESS FOR PRODUCING MOLDED RESIN
 • PROCEDE DE DURCISSEMENT D'UNE RESINE ET PROCEDE DE PRODUCTION D'UNE RESINE MOULÉE
- (71) **TOUDAI TLO, LTD.** [JP/JP]; 7-3-1 Hongo, Bunkyo-ku, Tokyo 1130033 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURAKAMI, Tamotsu** [JP/JP]; 12-6, Shoan 2-chome, Suginami-ku, Tokyo 1670054 (JP).
- (74) **NARUSE, Shigeo**; NARUSE, INABA & INAMI, Hanabishi Imas Hiramawacho Building, 4th Floor, 2-3-11, Hiramawacho, Chiyoda-ku, Tokyo 1020093 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 67/00**
 (11) **WO 2004/106041** (13) A2
 (21) PCT/US2004/010185
 (22) **2 Apr/avr 2004 (02.04.2004)**
 (25) en (26) en
 (30) 60/472,922 **23 May/mai 2003 US (23.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • APPARATUS AND METHODS FOR 3D PRINTING
 • APPAREIL ET PROCESSES POUR IMPRESSION 3D
- (71) **Z CORPORATION** [US/US]; 20 North Avenue, Burlington, MA 01803 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RUSSELL, David** [US/US]; 7 Baron Park Lane, Apt.#37, Burlington, MA 01803 (US). **HERNANDEZ, Andres** [US/US]; 250 Kennedy Drive #706, Malden, MA 02148 (US). **KINSLEY, Joshua** [US/US]; 179 Brattle Street, Arlington, MA 02474 (US). **BERLIN, Andrew** [US/US]; 12 Evergreen Road, Gloucester, MA 01930 (US).
- (74) **FORCIER, John, V.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 70/12, 70/30**
 (11) **WO 2004/106042** (13) A1
 (21) PCT/EP2004/003505
 (22) **2 Apr/avr 2004 (02.04.2004)**
 (25) de (26) de
 (30) 103 24 735.1 **30 May/mai 2003 DE (30.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • METHOD AND DEVICE FOR PRODUCING THREE-DIMENSIONAL MOLDED PARTS AND CORRESPONDING MOLDED PART
 • PROCEDE ET DISPOSITIF POUR PRODUIRE DES PIECES MOULEES TRIDIMENSIONNELLES, AINSI QUE PIECE MOULEE CORRESPONDANTE

- (71) **FIBER ENGINEERING GMBH** [DE/DE]; Rheindammstrasse 6, 76744 Wörth am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FÖRSTER, Egon** [DE/DE]; Rheindammstrasse 6, 76744 Wörth am Rhein (DE).
- (74) **DURM, Frank, European Patent Attorney**; Durm & Durm, Moltkestrasse 45, 76133 Karlsruhe (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 71/02, B65D 1/02**
- (11) **WO 2004/106043** (13) A1
- (21) PCT/US2004/015787
- (22) **20 May/mai 2004 (20.05.2004)**
- (25) en (26) en
- (30) 60/472,255 **21 May/mai 2003 US (21.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **HEAT-TREATED PRESSURIZED PLASTIC CONTAINERS**
• **RECIPIENTS DE PLASTIQUE PRESSURISÉS THERMOTRAITÉS**
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALTONEN, Gene, Michael** [US/US]; 7142 Forestview Drive, West Chester, OH 45069 (US). **CHANG, Su, Yon** [US/US]; 4013 Top Flite Lane, Mason, OH 45040 (US). **DODD, Michael, Thomas** [US/US]; 1972 Morningside Drive, Florence, KY 41042 (US).
- (74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29D 11/02, A61F 2/16**
- (11) **WO 2004/106045** (13) A1
- (21) PCT/US2004/016753
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) en (26) en
- (30) 10/445,762 **27 May/mai 2003 US (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **MOLD FOR INTRAOCULAR LENS**
• **MOULE POUR LENTILLE INTRA-OCULAIRE**
- (71, 72) **SARFARAZI, Faezeh, Mona** [US/US]; 7461 Mermaid Lane, Carlsbad, CA 92009 (US).
- (72, 75) **KYBURZ, Gene, Theodore** [US/US]; N. 6386 Raven Road, Pardeeville, WI 53954 (US).
- (74) **KANG, Grant, D. et al. / etc.**; 190 Carondelet Plaza, Suite 600, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B30B 9/30, 9/32, 7/04, F16H 37/12**
- (11) **WO 2004/106046** (13) A2
- (21) PCT/IT2004/000307
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) en (26) en
- (30) AR2003A000026 **27 May/mai 2003 IT (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **COMBINED HORIZONTAL/VERTICAL COMPACTING MACHINE FOR THE SEPARATE COLLECTION OF NON ORGANIC SOLID REFUSE**
• **MACHINE DE COMPACTAGE HORIZONTAL/VERTICAL COMBINÉ SERVANT À RAMASSER SEPARÉMENT DES ORDURES SOLIDES NON ORGANIQUES**
- (71) **TECAM S.R.L.** [IT/IT]; Loc. Ponte Alla Chiassa, 148, I-52100 Arezzo (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARTINI, Giancarlo** [IT/IT]; Via I^o Maggio, 19, I-52010 Subbiano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :**
(u) for / pour US only / seulement
-
- (51)⁷ **B30B 9/32**
- (11) **WO 2004/106047** (13) A1
- (21) PCT/CA2004/000830
- (22) **31 May/mai 2004 (31.05.2004)**
- (25) en (26) en
- (30) 2,430,538 **30 May/mai 2003 CA (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **CAN CRUSHER APPARATUS AND METHOD**
• **APPAREIL ET PROCÉDE DE BROYAGE DE BOÎTES MÉTALLIQUES**

(71) **ROBOVIC INC.** [CA/CA]; 10 Boulet, Princeville, Québec G6L 4M1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAGNON, Guy** [CA/CA]; 469 Rang 9, St-Albert, Québec J0A 1E0 (CA). **MARCOUX, Patrick** [CA/CA]; 1615 chemin des Chalets, St-Pierre-Baptiste, Québec G0P 1K0 (CA).

(74) **KOSIE, Ronald, S. et al.** / etc.; Brouillette Kosie Prince, 1100 René-Lévesque Blvd. West, 25th Floor, Montréal, Québec H3B 5C9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B31D 3/02**

(11) **WO 2004/106048** (13) A2

(21) PCT/US2004/016698

(22) **27 May/mai 2004 (27.05.2004)**

(25) en (26) en

(30) 60/473,995 **29 May/mai 2003 US (29.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **METHOD FOR MAKING COLLAPSIBLE CELLULAR STRUCTURE**
• **PROCEDE DE FABRICATION D'UNE STRUCTURE CELLULAIRE PLIABLE**

(71, 72) **JUDKINS, Ren** [US/US]; 46 Newgate Road, Pittsburgh, PA 15202 (US).

(72, 75) **RUPEL, John, D.** [US/US]; Post Office Box 7342, Appleton, WI 54912 (US).

(74) **ALSTADT, Lynn, J.**; Buchanan Ingersoll, P.C., 20th Floor, One Oxford Centre, 301 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B32B**

(11) **WO 2004/106049** (13) A1

(21) PCT/US2004/016149

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 60/473,789 **27 May/mai 2003 US (27.05.2003)**

(30) 60/473,783 **27 May/mai 2003 US (27.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **TIE-LAYER MATERIALS FOR USE WITH IONOMER-BASED FILMS AND SHEETS AS SKINS ON OTHER MATERIALS**

• **STRATIFIES IONOMERES, ARTICLES COMPOSITES ET PROCEDES DE FABRICATION CORRESPONDANTS**

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOMINE, Joseph, D.** [US/US]; 19523 Hurst Wood Drive, Humble, TX 77346 (US).

(74) **ARECHEDERRA, Leandro**; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **B32B**

(11) **WO 2004/106050** (13) A1

(21) PCT/US2004/016150

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 60/473,789 **27 May/mai 2003 US (27.05.2003)**

(30) 60/473,783 **27 May/mai 2003 US (27.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **TIE-LAYER MATERIALS FOR USE WITH IONOMER-BASED FILMS AND SHEETS AS SKINS ON OTHER MATERIALS**

• **STRATIFIES IONOMERES, ARTICLES COMPOSITES ET PROCEDES DE FABRICATION CORRESPONDANTS**

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOMINE, Joseph, D.** [US/US]; 19523 Hurst Wood Drive, Humble, TX 77346 (US).

(74) **ARECHEDERRA, Leandro**; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B32B 1/08, 25/00, 31/28, C08F 2/48, 2/50, C08J 7/04, G03G 15/02

(11) WO 2004/106051 (13) A1

(21) PCT/US2003/017629

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTROPHOTOGRAPHIE MEMBER AND PROCESS FOR MANUFACTURING SAME

• ELEMENT D'ELECTROPHOTOGRAPHIE ET SON PROCEDE DE FABRICATION

(71) CIRCULAR TECHNOLOGIES [US/US]; 3275 Prairie Ave., Boulder, Co 80301 (US). (only for / seulement pour US)

(72, 75) ROGGE, Peter, R. [US/US]; 3275 Prairie Ave., Boulder, CO 80301 (US). WELDER, Edward [US/US]; 3275 Prairie Ave., Boulder, CO 80301 (US).

(74) ROGGE, Peter, R.; 3275 Prairie Ave., Boulder, CO 80301 (US).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ B32B 3/00

(11) WO 2004/106052 (13) A1

(21) PCT/US2004/016708

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/474,183 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOUSINGS OF LAYERED AND BONDED POLYMERIC MATERIALS SUITABLE FOR SOUND DAMPENING AND THEIR MANUFACTURE

• ENCEINTES CONSTITUEES DE MATERIAUX POLYMERES EN COUCHES ET LIES ADAPTEES A L'INSONORISATION, ET FABRICATION

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YU, Yong [CN/US]; 1366 Welland Drive, Rochester, MI 48306 (US).

(74) HAMBY, William, H.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B32B 5/18, 27/08

(11) WO 2004/106053 (13) A1

(21) PCT/US2004/016709

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/474,270 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AIR INTAKE MANIFOLDS AND OTHER STRUCTURES OF RIGID AND FOAMED POLYMERIC MATERIALS HAVING REDUCED NOISE TRANSMISSION AND PROCESSES FOR THEIR PREPARATION

• COLLECTEURS D'ADMISSION D'AIR ET AUTRES STRUCTURES DE MATERIAUX POLYMERES RIGIDES ET ALVEOLES A TRANSMISSION DE BRUIT REDUITE ET LEURS PROCEDES DE PREPARATION

(71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, Delaware 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YU, Yong [CN/US]; 1366 Welland Drive, Rochester, Michigan 48306 (US).

(74) HAMBY, William, H.; E. I. du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B32B 7/06, G09F 3/00

(11) WO 2004/106054 (13) A1

(21) PCT/US2004/015804

(22) 19 May/mai 2004 (19.05.2004)

(25) en

(26) en

(30) 60/472,373 21 May/mai 2003 US (21.05.2003)

(30) 10/848,818 19 May/mai 2004 US (19.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SUBSURFACE PRINTED PRESSURE SENSITIVE COMPOSITE

• COMPOSITE AUTOCOLLANT AVEC SURFACE INFERIEURE IMPRIMEE

(71) FLEXCON COMPANY, INC. [US/US]; Flexcon Industrial Park, Spencer, MA 01562 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KITCH, David, A. [US/US]; 18 Cubles Drive, Brimfield, MA 01010 (US). EMERY, Philip, R. [US/US]; 11 Flynt Street, Palmer, MA 01069 (US). HUNTER, Patrick, W. [US/US]; W301 N5570 Sunrise Ct., Hartland, WI 53029 (US). TOMAS, Stephen, D. [US/US]; 173 Cedar Street, Fiskdale, MA 01518 (US). CASEY, James, M. [US/US]; 246 North Brookfield Road, East Brookfield, MA 01515 (US).

(74) GAUTHIER, Maurice, E. et al. / etc.; Gauthier & Connors, 225 Franklin Street, Suite 3300, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B32B 15/08, 27/04

(11) WO 2004/106055 (13) A1

(21) PCT/US2004/004228

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 10/444,363 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NET REINFORCED COMPOSITE

• COMPOSITE RENFORCE D'UN FILET

(71, 72) PRAKASH, Amit [IN/US]; 105 Keswick Drive, Hudson, OH 44236 (US).

(74) KING, David, L., Sr.; 5131 NE County Road 340, High Springs, FL 32643 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B32B 17/10, C03C 17/22, 27/12, E04D 3/06, E04F 10/00, E06B 3/58, G09F 13/20, F21V 21/00, A47F 3/00, B44C 5/00, B44F 1/06

(11) WO 2004/106056 (13) A1

(21) PCT/EP2004/005241

(22) 15 May/mai 2004 (15.05.2004)

(25) de (26) de

(30) 103 25 402.1 28 May/mai 2003 DE (28.05.2003)

(30) 103 47 163.4 6 Oct/oct 2003 DE (06.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR PRODUCING COMPOSITE ELEMENTS, AND RESULTING COMPOSITE ELEMENT

• PROCEDE ET DISPOSITIF DE PRODUCTION D'ELEMENTS COMPOSITES, ET ELEMENT COMPOSITE CORRESPONDANT

(71) DÖPPNER BAUELEMENTE GMBH & CO. KG [DE/DE]; Lüttert 19, 36137 Grossenlüder (DE). SCHNEIDER + FICHTEL GMBH [DE/DE]; Etwiesenstrasse 33, 72108 Rottenburg a.N. (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DÖPPNER, Christoph [DE/DE]; Am Sauerbrunn 20, 36124 Eichenzell/Lüttert (DE). SCHNEIDER, Rolf, A., O. [DE/DE]; Im Lichtle 8, 72108 Rottenburg (DE).

(74) RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Kronenstrasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B32B 27/00, 27/32

(11) WO 2004/106057 (13) A1

(21) PCT/US2004/011751

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/473,789 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BACKING LAYERS AND SUBSTRATES FOR ARTICLES FORMED FROM IONOMER LAMINATES

• COUCHES DE SUPPORT ET SUBSTRATS POUR ARTICLES FAÇONNES A PARTIR DE STRATIFIES D'IONOMERE

(71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOMINE, Joseph, D. [US/US]; 19523 Hurst Wood Drive, Humble, TX 77346 (US).

VALENTAGE, Jeffrey [US/US]; 106 Normandy, Royal Oak, MI 48073 (US). MEKA, Prasadarao [US/US]; 2730 Sandpebble Drive, Seabrook, TX 77586 (US).

(74) ARECHEDERRA, Leandro; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B32B 27/00, 27/32

(11) WO 2004/106058 (13) A1

(21) PCT/US2004/011784

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/473,783 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TIE-LAYER MATERIALS FOR USE WITH IONOMER-BASED FILMS AND SHEETS AS SKINS ON OTHER MATERIALS

• MATIERES POUR COUCHES DE LIAISON A UTILISER AVEC DES FILMS A BASE D'IONOMERES ET DES FEUILLES EN TANT QUE PEAUX SUR D'AUTRES MATIERES

(71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOMINE, Joseph, D. [US/US]; 19523 Hurst Wood Drive, Humble, TX 77346 (US).

(74) ARECHEDERRA, Leandro; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B32B 27/00

(11) WO 2004/106059 (13) A2

(21) PCT/US2004/014662

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/444,624 23 May/mai 2003 US (23.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OXYGEN SCAVENGING FILM WITH ANTIFOG PROPERTIES
• FILM DESOXYGENANT A PROPRIETES ANTI-BUEE
- (71) CRYOVAC, INC. [US/US]; P.O.Box 464, Duncan, SC 29334 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHWARK, Dwight, W. [CA/US]; 226 N. Orchard Farms Avenue, Simpsonville, SC 29681 (US). SPEER, Drew [US/US]; 204 English Oak Road, Simpsonville, SC 29681 (US).
- (74) QUATT, Mark, B. et al. / etc.; Cryovac, Inc, P.O. Box 464, Duncan, SC 29334 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B32B 27/00, 27/32
- (11) WO 2004/106060 (13) A1
- (21) PCT/US2004/016368
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 60/473,789 27 May/mai 2003 US (27.05.2003)
- (30) 60/473,783 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IONOMER LAMINATES, COMPOSITE ARTICLES, AND PROCESSES FOR MAKING THE SAME
• LAMINES D'IONOMERES, ARTICLES COMPOSITES, ET PROCEDES DE FABRICATION DE CEUX-CI
- (71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOMINE, Joseph, D. [US/US]; 19523 Hurst Wood Drive, Humble, TX 77346 (US).
- (74) ARECHEDERRA, Leandro et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B32B 27/18, B65D 81/26

(11) WO 2004/106061 (13) A1

(21) PCT/US2004/016125

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/446,482 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MULTI-LAYER PACKAGING MATERIAL WITH CARBON DIOXIDE SCAVENGER, PROCESSES, AND PACKAGED FOOD PRODUCTS

- MATERIAU D'EMBALLAGE MULTICOUCHE A INHIBITEUR DE DIOXYDE DE CARBONE, PROCEDES Y RELATIFS ET PRODUITS ALIMENTAIRES EMBALLEES

(71) THE PILLSBURY COMPANY [US/US]; Number One General Mills Boulevard, P.O. Box 1113, Minneapolis, MN 55440 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EL-AFANDI, Ali [US/US]; 804 Kenwood Lane, Maplewood, MN 55117 (US).

(74) HORNILLA, Arlene, L. et al. / etc.; General Mills, Inc., Number One General Mills Boulevard, P.O. Box 1113, Minneapolis, MN 55440 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ B32B 27/36 // C08L 67:02

(11) WO 2004/106062 (13) A1

(21) PCT/US2004/015822

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/447,977 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • DECORATIVE LAMINATED PANEL WITH HIGH DISTINCTNESS OF IMAGE

- PANNEAU LAMINE DECORATIF PRESENTANT UNE NETTETE ELEVEE DE L'IMAGE

(71) DUPONT TEIJIN FILMS U.S. LIMITED PARTNERSHIP [US/US]; Building 27, Barley Mill Plaza, Routes 141 and 48, Wilmington, DE 19805 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COSENTINO, Steven, R. [US/US]; 9030 Thompson Road, Quinton, VA 23141 (US).

(74) KRIKELIS, Costas, S.; RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B32B 31/00, B27D 5/00

(11) WO 2004/106063 (13) A1

(21) PCT/NZ2004/000112

(22) 31 May/mai 2004 (31.05.2004)

(25) en (26) en

(30) 526360 30 May/mai 2003 NZ
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A PANEL EDGE MODIFICATION DE-
VICE OR UNIT FOR A CONTOUR
EDGE BANDING DEVICE

• DISPOSITIF DE MODIFICATION D'UN
REBORD DE PANNEAU OU UNITE
POUR UN DISPOSITIF DE CERCLAGE
DE CONTOUR

(71) O'CONNELL, Gregory, John [NZ/NZ]; 46
Jamieson Road, Buckland Pukekohe (NZ).
HUTCHESON, Iain, Michael [NZ/NZ]; 24
Vauxhall Road, Devonport, Auckland (NZ).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SUCH, Duncan, Karl [NZ/NZ]; 18
Saltire Street, Avondale, Auckland (NZ).

(74) ADAMS, Matthew, D. et al. / etc.; A J Park,
6th Floor Huddart Parker Building, PO Box
949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B32B 33/00, B65D 85/57

(11) WO 2004/106064 (13) A1

(21) PCT/ES2004/000208

(22) 12 May/mai 2004 (12.05.2004)

(25) es (26) es

(30) U 2003 01320 29 May/mai 2003 ES
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROTECTIVE CUSHION FOR COM-
PACT DISCS

• SUPPORT PROTECTEUR POUR
DISQUES COMPACTS

(71) POP MIND, S.L. [ES/ES]; C/ Jaca n°5,
E-02006 Albacete (ES).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) GONZALEZ RUBIO, Cesar [ES/ES]
(ES). GONZALEZ MONTERO, Pablo
[ES/ES] (ES). MARTINEZ ONRUBIA,
Manuel [ES/ES] (ES).

(74) BOTELLA REYNA, Antonio; Velázquez,
80, E-28001 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B41F 15/08, H05K 3/12

(11) WO 2004/106065 (13) A1

(21) PCT/JP2004/007134

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 2003-148739 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SCREEN PRINTING APPARATUS AND
SCREEN PRINTING METHOD

• APPAREIL ET PROCÉDE DE SERI-
GRAPHIE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006 Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MAEDA, AkiraTANAKA, TetsuyaO-
TAKE, YujiMIYAHARA, Seiichi

(74) OGURI, Shohei et al. / etc.; Eikoh Patent
Office, 13th Floor ARK Mori Building,
12-32 Akasaka 1-chome, Minato-ku, Tokyo
1076013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B41F 23/06, B05B 5/03, 12/08, G01F 1/64,
1/74

(11) WO 2004/106066 (13) A1

(21) PCT/EP2004/001902

(22) 26 Feb/fév 2004 (26.02.2004)

(25) de (26) de

(30) 103 25 386.6 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE FOR APPLYING POWDER TO
MOVING PRINTED SHEETS

• DISPOSITIF POUR APPLIQUER DE LA
POUDRE SUR DES FEUILLES A IM-
PRIMER EN MOUVEMENT

(71) WEITMANN & KONRAD GMBH & CO.
KG [DE/DE]; Friedrich-List-Strasse 20-24,
70771 Leinfelden-Echterdingen (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HAAS, Reiner [DE/DE]; Musel 3,
72555 Metzingen (DE). WEINMANN, Jür-
gen [DE/DE]; Eichwasenweg 25, 72124
Pliezhausen (DE). GÖTZ, Reiner [DE/DE];
Thomas-Mann-Strasse 71, 70469 Stuttgart
(DE).

(74) STEIMLE, Josef; Dreiss, Fuhldorf,
Steimle & Becker, Postfach 103762, 70032
Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (a)

(51)⁷ B41F 35/02, 35/04

(11) WO 2004/106067 (13) A1

(21) PCT/IT2003/000460

(22) 25 Jul/juil 2003 (25.07.2003)

(25) en (26) en

(30) MI2003A001107 3 Jun/juin 2003 IT
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR ROLL IMPREGNATION

• SYSTEME D'IMPREGNATION DE
ROULEAUX

(71, 72) VAVASSORI BISUTTI, Arrio [IT/IT];
Via Sant'Alessandro, 124, I-24100 Bergamo
(IT).

(only for / seulement pour US)

(74) PARISI, Luigi et al. / etc.; Ufficio Inter-
nazionale Brevetti Ing. C.Gregorj S.P.A., Via
Dogana 1, IT-20123 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B41J 2/01, 3/54, 3/28

(11) WO 2004/106068 (13) A1

(21) PCT/JP2004/007912

(22) 1 Jun/juin 2004 (01.06.2004)

(25) ja (26) ja

(30) 2003-156675 2 Jun/juin 2003 JP
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMAGE FORMING DEVICE, PRINTER COMPLEX SYSTEM AND MEDIUM CONVEYING DEVICE FOR THE DEVICE, INFORMATION PROCESSING UNIT FOR SUPPLYING IMAGE DATA TO THE IMAGE FORMING DEVICE, AND IMAGE FORMING SYSTEM AND IMAG FORMING METHOD PROVIDED WITH THESE

• DISPOSITIF DE FORMATION D'IMAGE, SYSTEME COMPLEXE D'IMPRESSION ET DISPOSITIF D'ACHEMINEMENT DE SUPPORT POUR CE DISPOSITIF, UNITE DE TRAITEMENT D'INFORMATIONS DESTINEE A FOURNIR DES DONNEES D'IMAGE AU DISPOSITIF DE FORMATION D'IMAGE, ET SYSTEME DE FORMATION D'IMAGE ET PROCEDE DE FORMATION D'IMAGE ASSOCIES

(71) CANON FINETECH INC. [JP/JP]; 5540-11, Sakate-machi, Mitsukaido-shi, Ibaraki 3038503 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGITANI, Hiroshi [JP/JP]; c/o CANON FINETECH INC., 5540-11, Sakate-machi, Mitsukaido-shi, Ibaraki 3038503 (JP). KATAYAMA, Akira [JP/JP]; c/o CANON FINETECH INC., 5540-11, Sakate-machi, Mitsukaido-shi, Ibaraki 3038503 (JP). HATAKEYAMA, Kenji [JP/JP]; c/o CANON FINETECH INC., 5540-11, Sakate-machi, Mitsukaido-shi, Ibaraki 3038503 (JP). IKEDA, Toshio [JP/JP]; c/o CANON FINETECH INC., 5540-11, Sakate-machi, Mitsukaido-shi, Ibaraki 3038503 (JP). AOKI, Akio [JP/JP]; c/o CANON FINETECH INC., 5540-11, Sakate-machi, Mitsukaido-shi, Ibaraki 3038503 (JP).

(74) TANI, Yoshikazu; 6-20, Akasaka 2-chome, Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 2/05

(11) WO 2004/106069 (13) A1

(21) PCT/US2004/015406

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/443,477 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INKJET PRINTER HAVING IMPROVED EJECTOR CHIP

• IMPRIMANTE A JET D'ENCRE A PUCE D'EJECTION AMELIOREE

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PARISH, George, Keith; 11 Fontaine Boulevard, Lexington, KY 4391 (US). ROWE, Kristi, Maggard; 2091 Powhatan Trail, Lexington, KY 40475 (US). EDELEN, John, Glenn; 732 Eureka Drive, Versailles, KY 40383 (US).

(74) BARKER, Scott, N.; Lexmark International, Inc, 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B41J 2/14, B01L 3/02

(11) WO 2004/106070 (13) A2

(21) PCT/CH2004/000316

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03077333.7 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A DEVICE FOR DISPENSING DROPS OF A LIQUID

• DISPOSITIF DISTRIBUTEUR DE GOUTTES DE LIQUIDE

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf DE US)

(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(only for / seulement pour DE)

(72, 75) BURKHARDT, Claudius [CH/CH]; Bambergrasse 36, CH-6003 Luzern (CH). JUCH, Mathias [CH/CH]; Arbachstrasse 58, CH-6340 Baar (CH). AESCHLIMANN, Marcel [CH/CH]; Haus zur Laube, CH-2514 Ligerz (CH). WITTEVEEN, Bontko [NL/NL]; Arienswei 54, NL-5912 JB Venlo (NL). LANCI, Antonino [IT/CH]; Liebefeldweg 4a, CH-3006 Bern (CH).

(74) RIGLING, Peter, D.; Troesch Scheidegger Werner AG, Schwäntenmos 14, CH-8126 Zumikon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 2/145

(11) WO 2004/106071 (13) A1

(21) PCT/US2004/015405

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/443,165 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPROVED MULTI-FLUID JETTING DEVICE

• DISPOSITIF DE PULVERISATION DE JET MULTIFLUIDE AMELIORE

(71) LEXMARK INTERNATIONAL, INC [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) AHNE, Adam, J.; 3213 Pepperhill Road, Lexington, KY 40502 (US). ANDERSON, Frank, E.; 700 Davis-Turkeyfoot Road, Sadieville, KY 40370 (US). ZBROZEK, John, D.; 902 Granville Court, Lexington, KY 40503 (US).

(74) BARKER, Scott, N.; Lexmark International, Inc, 740 West New Circle, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ B41J 2/175

(11) WO 2004/106072 (13) A1

(21) PCT/KR2004/001254

(22) 28 May/mai 2004 (28.05.2004)

(25) ko (26) en

(30) 10-2003-0034765 30 May/mai 2003 KR (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INK REFILL DEVICE AND METHOD OF INK CARTRIDGE

• DISPOSITIF DE REMPLISSAGE D'ENCRE ET PROCÉDE POUR CAR-TOUCHE D'ENCRE

(71) InkTec Co.,Ltd. [KR/KR]; 1124, Shingildong, Ansan-si, Kyungki-do 425-839 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHUNG, Kwang Choon [KR/KR]; 9-711 Gaepo4Woosung APT., Dogok-dong, Kangnam-gu, Seoul 135-270 (KR). KIM, Hyung Hoo [KR/KR]; #201, 966-7, Bono-dong, Sangrok-gu, Ansan-si, Kyungki-do 426-180 (KR). SHIN, Young Choul [KR/KR]; 1-202 LotteAPT., 198-22, Godeung-dong, Guonsun-gu, Suwon-si, Kyungki-do 441-802 (KR). PARK, Hyung Gun [KR/KR]; 935-41, Siheung5-dong, Geumcheon-gu, Seoul 153-860 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B41J 3/407, 15/00, 15/16, 11/00, 3/60

(11) WO 2004/106073 (13) A1

(21) PCT/GB2004/002355

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 0312591.1 2 Jun/juin 2003 GB (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MANUFACTURE OF TAPE MEASURES

• FABRICATION DE RUBANS DE MESURE

(71) FISCO TOOLS LIMITED [GB/GB]; Brook Road, Rayleigh, Essex SS6 7XD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CORNISH, Carl, David [GB/GB]; 32 Manor Road, Chelmsford, Essex CM2 0EP (GB). BUTCHER, John, Walter [GB/GB]; 2 Hilltop Close, Rayleigh, Essex SS6 7TD (GB).

(74) WATSON, Robert et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41J 11/00, 13/10, B41F 21/00, H01L 21/683

(11) WO 2004/106074 (13) A1

(21) PCT/US2004/013159

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/445,162 24 May/mai 2003 US (24.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MEDIA ELECTROSTATIC HOLD DOWN AND CONDUCTIVE HEATING ASSEMBLY

• DISPOSITIF DE RETENUE ELECTROSTATIQUE ET DE CHAUFFAGE DE SUPPORT

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; Hewlett-Packard Company, Intellectual Property Administration, 20555 S.H. 249, Houston, Texas 77070 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, David E. [US/US]; 12800 NE 4th Street, #5, Vancouver, Washington 98684 (US). YRACEBURU, Robert M. [US/US]; 3153 Pacific Rim Drive, Camas, Washington 98607 (US). MCNALLY, Stephen [US/US]; 3100 SE 168th #309, Vancouver, Washington 98683 (US).

(74) WISDOM, Gregg W. et al. / etc.; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, Mail Stop 35, Fort Collins, Colorado 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ B41J 19/18, 2/01

(11) WO 2004/106075 (13) A1

(21) PCT/JP2004/007458

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 2003-154259 30 May/mai 2003 JP (30.05.2003)

(30) 2003-183000 26 Jun/juin 2003 JP (26.06.2003)

(30) 2003-192800 7 Jul/juil 2003 JP (07.07.2003)

(30) 2003-298088 22 Aug/août 2003 JP (22.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMAGE FORMING APPARATUS

• APPAREIL DE FORMATION D'IMAGE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKATA, Tetsuyoshi [JP/JP]; 889-102, Takamori 7-chome, Isehara-shi, Kanagawa, 2591114 (JP). KOBAYASHI, Katsumi [JP/JP]; 778-1-206, Kaneda, Atsugi-shi, Kanagawa, 2430807 (JP). KOKAWAJI, Takashi [JP/JP]; 10-48-205, Tomuro 3-chome, Atsugi-shi, Kanagawa, 2430031 (JP). SHUUTA, Tomohiro [JP/JP]; 1028-3-303, Hase, Atsugi-shi, Kanagawa, 2430036 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B41M 3/00, C09D 11/00

(11) WO 2004/106076 (13) A1

(21) PCT/US2004/011628

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/448,229 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF MODIFYING A SURFACE OF A SUBSTRATE AND ARTICLES THEREFROM
• PROCEDE DE MODIFICATION DE LA SURFACE D'UN SUBSTRAT ET ARTICLES AINSI OBTENUS

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) JING, Naiyong; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). YL-ITALO, Caroline, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). KORBA, Gary, A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) WRIGHT, Bradford, B. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ B41M 3/00

(11) WO 2004/106077 (13) A1

(21) PCT/US2004/015217

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/447,774 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR MODIFYING THE SURFACE OF SUBSTRATE
• PROCEDE POUR MODIFIER LA SURFACE D'UN SUBSTRAT

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3m Center, Post Office Box 33427, Saint Paul, MN 55133-3437 (US).

(72) CLARK, John, C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). EL-LIOTT, Peter, T.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). YL-ITALO, Caroline, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). JING, Naiyong; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). KORBA, Gary, A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) WRIGHT, Bradford, B. et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B41M 3/14, G07D 7/12

(11) WO 2004/106078 (13) A1

(21) PCT/FR2004/001227

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06352 26 May/mai 2003 FR (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SECURITY DOCUMENT AND METHOD FOR THE PRODUCTION THEREOF
• DOCUMENT DE SECURITE ET SON PROCEDE DE FABRICATION

(71) ARJOWIGGINS [FR/FR]; 117, quai du Président Roosevelt, F-92130 Issy Les Moulineaux (FR). ARJOWIGGINS SECURITY [FR/FR]; 117, quai du Président Roosevelt, F-92130 Issy Les Moulineaux (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RANCIEN, Sandrine [FR/FR]; 136, route de la Sure, F-38140 La Murette (FR). VAST, Nathalie [FR/FR]; 19, chemin de la Marinière, F-91370 Verrières Le Buisson (FR).

(74) ARJOWIGGINS; 117, quai du Président Roosevelt, F-92130 Issy Les Moulineaux (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US; (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B41M 5/00

(11) WO 2004/106079 (13) A2

(21) PCT/IB2004/001721

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03253327.5 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COATING COMPOSITIONS, THEIR PRODUCTION AND THEIR USE

- COMPOSITIONS DE REVETEMENT, LEUR PRODUCTION ET LEUR UTILISATION
- (71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, CH-4132 Muttentz 1 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JONCKHEREE, Eric [FR/FR]; 60 Rue des Bois, F-60350 Cuise La Motte (FR).
- (74) DÜNNWALD, Dieter; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttentz 1 (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B41M 5/00, B41J 2/01
- (11) WO 2004/106080 (13) A1
- (21) PCT/JP2003/006685
- (22) 28 May/mai 2003 (28.05.2003)
- (25) ja (26) ja
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CAST INK-JET RECORDING PAPER
• PAPIER D'ENREGISTREMENT POUR JET D'ENCRE COULE
- (71) OJI PAPER CO., LTD. [JP/JP]; 7-5, Ginza 4-chome, Chuo-ku, Tokyo 104-0061 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOBAYASHI, Mitsuru [JP/JP]; 840, Takakura, Fujisawa-shi, Kanagawa 252-0802 (JP). ASANO, Shinichi [JP/JP]; 2-3-1-1009, Higashishinozaki, Edogawa-ku, Tokyo 133-0063 (JP). HIRAKI, Motoko [JP/JP]; 5-10-7-602, Kitamachi, Warabi-shi, Saitama 335-0001 (JP).
- (74) SHIGA, Masatake et al. / etc.; SHIGA INTERNATIONAL PATENT OFFICE, 2-3-1 Yaesu, Chuo-ku, Tokyo 104-8453 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B41M 5/00, B41M 5/035, B44C 1/17, 1/18, B41M 3/12, 5/00, D06P 5/00
- (11) WO 2004/106082 (13) A1
- (21) PCT/IT2004/000306
- (51)⁷ B41M 5/00
- (11) WO 2004/106081 (13) A1
- (21) PCT/US2004/014580
- (22) 11 May/mai 2004 (11.05.2004)
- (25) en (26) en
- (30) 10/447,699 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGING ELEMENT WITH SWELLABLE AND POROUS LAYERS
• ELEMENT D'IMAGERIE A COUCHES DILATABLES ET POREUSES
- (71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHARMIN, Sumana [IN/US]; 1018 N. Plum Grove Road, Schaumburg, IL 60173 (US). SADASIVAN, Sridhar [IN/US]; 19 Strathallan Park, Rochester, NY 14607 (US). SHAW-KLEIN, Lori Jeanne [US/US]; 17 Riverside Street, Rochester, NY 14613 (US). VOLL, Edwin Joseph [US/US]; 366 Pebbleview Drive, Rochester, NY 14612 (US).
- (74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, NY 14650-2201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
-
- (51)⁷ B41M 5/00
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) BA 2003A 000026 29 May/mai 2003 IT (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THERMAL IMAGE TRANSFER BY SUBLIMATION OR FUSION
• TRANSFERT D'IMAGE THERMIQUE PAR SUBLIMATION OU FUSION
- (71, 72) GIANNINI, Michele [IT/IT]; Via Vittorio Veneto 40/F4, I-70051 Barletta (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B41M 5/40
- (11) WO 2004/106083 (13) A1
- (21) PCT/JP2004/007767
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 2003-155477 30 May/mai 2003 JP (30.05.2003)
- (30) 2003-175083 19 Jun/juin 2003 JP (19.06.2003)
- (30) 2003-335449 26 Sep/sep 2003 JP (26.09.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HEAT TRANSFER SHEET, IMAGE FORMING MATERIAL AND IMAGE FORMING METHOD
• FEUILLE DE THERMOTRANSFERT, MATIERE DE FORMATION D'IMAGE ET PROCEDE DE FORMATION D'IMAGE
- (71) FUJI PHOTO FILM CO., LTD. [JP/JP]; 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMURA, Hideyuki [JP/JP]; c/o FUJI PHOTO FILM CO., LTD., 200, Onakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP). YOSHINARI, Shinichi [JP/JP]; c/o FUJI PHOTO FILM CO., LTD., 200, Onakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP).
- (74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B41N

(11) WO 2004/106084 (13) A2

(21) PCT/US2004/015563

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/446,357 28 May/mai 2003 US
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR AP-
PLYING A FILM OF FLUID ONTO A
FLAT SURFACE AND SPECIFICALLY
ONTO A LITHOGRAPHIC PRINTING
PLATE IN A DEVELOPING STATION

• PROCEDE ET DISPOSITIF DESTINES
A APPLIQUER UNE PELLICULE DE
FLUIDE SUR UNE SURFACE PLATE,
ET NOTAMMENT SUR UNE PLAQUE
D'IMPRESSION LITHOGRAPHIQUE
DANS UNE STATION DE DEVELOP-
PEMENT

(71) ANOCOIL CORPORATION [US/US]; 60
East Main Street, Rockville, CT 06066 (US).

(72) FROMSON, Howard, A.; 43 Main Street,
Stonington, CT 06378 (US). ROZELL,
William, J.; 608 Bolton Road, Vernon, CT
06066 (US).

(74) COVELLO, Diane, F. et al. / etc.; Alix, Yale
& Ristas, LLP, 750 Main Street, Hartford, CT
06103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(51)⁷ B42D 15/02

(11) WO 2004/106085 (13) A1

(21) PCT/IB2004/001695

(22) 4 May/mai 2004 (04.05.2004)

(25) fr (26) fr

(30) 2003 0959/03 28 May/mai 2003 CH
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SUBSTRATE PROVIDED WITH A
CONFIDENTIAL PATTERN

• SUBSTRAT ADAPTÉ À ÊTRE MUNI
D'UN DESSIN CONFIDENTIEL

(71) MICHEL LATA S.A. [FR/FR]; Route de
Witry, F-51420 Cerney les Reims (FR).
SOFII S.A. [FR/FR]; Parc des Erables, Bati-
ment 3, 66, route de Sartrouville, F-78232 Le
Pecq Cedex (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LATA, Michel [FR/FR]; 5, Allée des
Lilas, F-51420 Cerney Les Reims (FR).
SEQUALINO, Lucien [FR/FR]; 11, rue du
Petit Montesson, F-78110 Le Vesinet (FR).
TORCQ, Régis [FR/FR]; 10, rue de Belle-
vue, F-51160 Champillon (FR).

(74) LAUER, Joachim; Stapferstrasse 5, Post-
fach 2651, CH-8033 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B43K 1/08, 7/01

(11) WO 2004/106086 (13) A1

(21) PCT/JP2004/007546

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-149491 27 May/mai 2003 JP
(27.05.2003)

(30) 2003-149640 27 May/mai 2003 JP
(27.05.2003)

(30) 2003-149512 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF PRODUCING APPLICA-
TOR TIP

• PROCEDE DE PRODUCTION D'UNE
POINTE D'APPLICATEUR

(71) SAKURA COLOR PRODUCTS COR-
PORATION [JP/JP]; 10-17, Nakamichi
1-chome, Higashinari-ku, Osaka-shi, Osaka,
5370025 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) INOUE, Hiroshi [JP/JP]; c/o SAKURA
COLOR PRODUCTS CORPORATION,
6-20, Morinomiya-chuo 1-chome, Chuo-ku,

Osaka-shi, Osaka, 5408508 (JP). KURI-
HARA, Norimasa [JP/JP]; c/o SAKURA
COLOR PRODUCTS CORPORATION,
6-20, Morinomiya-chuo 1-chome, Chuo-ku,
Osaka-shi, Osaka, 5408508 (JP). MAT-
SUMOTO, Shoko [JP/JP]; 9-2-508, Kyuden
3-chome, Setagaya-ku, Tokyo, 1570064
(JP). SANO, Kyoko [JP/JP]; c/o SAKURA
COLOR PRODUCTS CORPORATION,
6-20, Morinomiya-chuo 1-chome, Chuo-ku,
Osaka-shi, Osaka, 5408508 (JP). OMATSU,
Takeshi [JP/JP]; c/o SAKURA COLOR
PRODUCTS CORPORATION, 6-20,
Morinomiya-chuo 1-chome, Chuo-ku, Os-
aka-shi, Osaka, 5408508 (JP). YONEDA,
Shigeki [JP/JP]; c/o SAKURA COLOR
PRODUCTS CORPORATION, 6-20, Mori-
nomiyachuo 1-chome, Chuo-ku, Osaka-shi,
Osaka, 5408508 (JP). NAKATANI, Ya-
sunori [JP/JP]; c/o SAKURA COLOR
PRODUCTS CORPORATION, 6-20, Mori-
nomiyachuo 1-chome, Chuo-ku, Osaka-shi,
Osaka, 5408508 (JP). YAMAMOTO, Hi-
royoshi [JP/JP]; c/o SAKURA COLOR
PRODUCTS CORPORATION, 6-20, Mori-
nomiyachuo 1-chome, Chuo-ku, Osaka-shi,
Osaka, 5408508 (JP). FUJITA, Kozaburo
[JP/JP]; c/o SAKURA COLOR PROD-
UCTS CORPORATION, 6-20, Morinomiya-
chuo 1-chome, Chuo-ku, Osaka-shi, Osaka,
5408508 (JP).

(74) FUJITA, Takashi; Matsui BLDG. 5F, 10-17,
Higashitenma 2-chome, Kita-ku, Osaka-shi,
Osaka 530-0044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B43K 1/08, 7/01

(11) WO 2004/106087 (13) A1

(21) PCT/JP2004/007561

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-149491 27 May/mai 2003 JP
(27.05.2003)

(30) 2003-149640 27 May/mai 2003 JP
(27.05.2003)

(30) 2003-149512 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPLICATOR TIP, METHOD OF PRO-
DUCING APPLICATOR TIP, AND AP-
PLICATOR

• POINTE D'APPLICATEUR, PROCEDE
POUR PRODUIRE CETTE POINTE
D'APPLICATEUR ET APPLICATEUR

(71) SAKURA COLOR PRODUCTS COR-
PORATION [JP/JP]; 10-17, Nakamichi
1-chome, Higashinari-ku, Osaka-shi, Osaka
5370025 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INOUE, Hiroshi** [JP/JP]; C/o Sakura Color Products Corporation, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka 5408508 (JP). **KURIHARA, Norimasa** [JP/JP]; C/o Sakura Color Products Corporation, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka 5408508 (JP). **MATSUMOTO, Shoko** [JP/JP]; 9-2-508, Kyuden 3-chome, Setagaya-ku, Tokyo 1570064 (JP). **SANO, Kyoko** [JP/JP]; C/o Sakura Color Products Corporation, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka 5408508 (JP). **OMATSU, Takeshi** [JP/JP]; C/o Sakura Color Products Corporation, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka 5408508 (JP). **YONEDA, Shigeki** [JP/JP]; C/o Sakura Color Products Corporation, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka 5408508 (JP). **YAMAMOTO, Hiroyoshi** [JP/JP]; C/o Sakura Color Products Corporation, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka 5408508 (JP). **FUJITA, Kozaburo** [JP/JP]; C/o Sakura Color Products Corporation, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka 5408508 (JP).

(74) **FUJITA, Takashi**; Matsui BLDG. 5F, 10-17, Higashitenma 2-chome, Kita-ku, Osaka-shi, Osaka 5300044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B43M**

(11) **WO 2004/106088** (13) A2

(21) PCT/GB2004/002309

(22) **28 May/mai 2004 (28.05.2004)**

(25) en (26) en

(30) 0312458.3 **30 May/mai 2003 GB (30.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **DRAWING PIN**

• **PUNAISE**

(71, 72) **MORRISH, David** [GB/GB]; 5 Lake Close, Churcham, Gloucestershire GL2 8BS (GB).

(74) **HARRISON, Ivor, Stanley et al.** / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60C 3/04, 11/00, 1/00 // 107:02**

(11) **WO 2004/106089** (13) A1

(21) PCT/EP2004/005646

(22) **26 May/mai 2004 (26.05.2004)**

(25) fr (26) fr

(30) 03/06542 **28 May/mai 2003 FR (28.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **TYRE FOR HEAVY VEHICLE**

• **PNEUMATIQUE POUR ENGIN LOURD**

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Paccot (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VU, Hien** [FR/FR]; 44, avenue Jean Jaurès, Batiment A, F-63400 Chamalieres (FR). **GODEAU, Gilles** [FR/FR]; 17 Rue Vauvargues, F-63000 Clermont-Ferrand (FR).

(74) **LE CAM, Stéphane**; M.F.P. Michelin, 23, Place des Carmes Dechaux, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand Cedex 9 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B60C 5/00, 17/01**

(11) **WO 2004/106090** (13) A1

(21) PCT/EP2004/005627

(22) **26 May/mai 2004 (26.05.2004)**

(25) en (26) en

(30) 03/06655 **3 Jun/juin 2003 FR (03.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **DEVICE FOR REPAIRING A TUBELESS MOUNTED ASSEMBLY FOR A CYCLE**

• **DISPOSITIF DE DEPANNAGE D'UN ENSEMBLE MONTE TUBELESS POUR CYCLE**

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Pacot (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOREAU, Bernard** [FR/FR]; 10, rue Mornay, F-63100 Clermont-Ferrand (FR).

(74) **LE CAM, Stéphane**; M.F.P. Michelin, 23, place des Carmes Dechaux, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand Cedex 9 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60C 11/04**

(11) **WO 2004/106091** (13) A1

(21) PCT/JP2004/007187

(22) **26 May/mai 2004 (26.05.2004)**

(25) ja (26) ja

(30) 2003-150587 **28 May/mai 2003 JP (28.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **PNEUMATIC TIRE**

• **PNEUMATIQUE**

(71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048340 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUNAGA, Takayuki** [JP/JP]; c/o BRIDGESTONE CORPORATION, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP).

(74) **SUGIMURA, Kosaku**; 7F, Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60C 17/01

(11) WO 2004/106092 (13) A1

(21) PCT/JP2004/007374

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-154134 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SAFETY TIRE AND AIR BLADDER THEREFOR

- PNEUMATIQUE DE SECURITE ET CHAMBRE A AIR CORRESPONDANTE

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048340 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANAKA, Yoshitaka [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi Tokyo 1878531 (JP).

(74) SUGIMURA, Kosaku; 7F, Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60C 23/04

(11) WO 2004/106093 (13) A1

(21) PCT/EP2004/005262

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 60/474,988 2 Jun/juin 2003 US (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WHEEL UNIT FOR MOTOR VEHICLE TYRE PRESSURE MONITORING DEVICE

- UNITE ROUE POUR DISPOSITIF DE SURVEILLANCE DE LA PRESSION DES PNEUS D'UN VEHICULE AUTOMOBILE

(71) SIEMENS VDO AUTOMOTIVE [FR/FR]; 1, Avenue Paul Ourliac, B.P. 1149, F-31036 Toulouse Cedex 1 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUCE, Dominique [FR/FR]; 25, rue Percepinte, F-31000 Toulouse (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60H 1/00

(11) WO 2004/106094 (13) A1

(21) PCT/EP2004/004424

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 103 24 571.5 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VEHICLE HEATING AND/OR AIR CONDITIONING SYSTEM AND METHOD FOR REGULATING HEATING AND/OR AIR CONDITIONING IN VEHICLES

- INSTALLATION DE CHAUFFAGE ET/OU DE CLIMATISATION DE VEHICULE ET PROCEDE POUR LA REGULATION DU CHAUFFAGE ET/OU DE LA CLIMATISATION DANS DES VEHICULES

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRAUB, Wolfgang [DE/DE]; Obere Morgen 18, 73326 Deggingen (DE).

(74) GMEINER, Christa et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60H 1/00

(11) WO 2004/106095 (13) A1

(21) PCT/KR2004/001264

(22) 28 May/mai 2004 (28.05.2004)

(25) ko

(26) en

(30) 10-2003-0034356 29 May/mai 2003 KR (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AIR CONDITIONER FOR VEHICLE

- CONDITIONNEUR D'AIR

(71) HALLA CLIMATE CONTROL CORPORATION [KR/KR]; 1689-1 Sinil-dong, Daedeok-gu, Daejeon-City 306-230 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAN, Seong-Seck [KR/KR]; 1689-1 Sinil-dong, Daedeok-gu, Daejeon-City 306-230 (KR).

(74) LEE, Yeong-Pil; The Cheonghwa Bldg., 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60K 6/04, F16D 21/06

(11) WO 2004/106096 (13) A1

(21) PCT/CA2004/000790

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 2,430,157 30 May/mai 2003 CA (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HYBRID DRIVE TRAIN FOR VEHICLE

- GROUPE MOTOPROPULSEUR HYBRIDE POUR VEHICULE

(71) TM4 INC. [CA/CA]; 135 J.-A. Bombardier, Suite 25, Boucherville, Québec J4B 8P1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOULE, Martin [CA/CA]; 430, Saint-Seans O., Laval, Québec H7H 2V7 (CA). BLOUIN, Pierre [CA/CA]; 624 Roberval, Boucherville, Québec J4B 7S8 (CA). BIBEAU, Louis-Philippe [CA/CA]; 1223 Notre-Dame, Chambly, Québec J3L 1K2 (CA). XU, Jianhong [CA/CA]; 444 Toulouse, #1, Longueuil, Québec J4L 4B8 (CA). LAMBERT, Ghislain [CA/CA]; 666 Aragon, Beloeil, Québec J3G 6H5 (CA). NOËL, Philippe [CA/CA]; 721 Aragon, Beloeil, Québec J3G 6K9 (CA).

(74) LUPIEN, Marc et al. / etc.; Brouillette Kosie Prince, 1100 René-Lévesque Blvd. West, 25th Floor, Montréal, Québec H3B 5C9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B60K 6/04

(11) WO 2004/106097 (13) A2

(21) PCT/FR2004/001232

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06213 23 May/mai 2003 FR
(23.05.2003)

(30) 03/06214 23 May/mai 2003 FR
(23.05.2003)

(30) 03/06215 23 May/mai 2003 FR
(23.05.2003)

(30) 03/06216 23 May/mai 2003 FR
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR CON-
TROLLING A POWERTRAIN COM-
PRISING A CONTINUOUSLY VARI-
ABLE TRANSMISSION
• PROCEDE ET DISPOSITIF DE COM-
MANDE D'UN GROUPE MOTOPRO-
PULSEUR AVEC UNE TRANSMISSION
INFINIMENT VARIABLE

(71) RENAULT S.A.S. [FR/FR]; 13,15 quai Al-
phonse Le Gallo, F-92100 Boulogne Billan-
court (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROYER, Laurent [FR/FR]; 117 av-
enue du Général Bizot, F-75012 Paris
(FR). GOELZER, Anne [FR/FR]; 8 rue
Lakanal, F-31000 Toulouse (FR). DE
LARMINAT, Philippe [FR/FR]; 70 rue
Paul Bellamy, F-44000 Nantes (FR). PI-
CHON, Yves [FR/FR]; 11 rue Rieux,
F-92100 Boulogne-Billancourt (FR).

(74) ROUGEMONT, Bernard; Renault Techno-
centre, SCE 0267 - TCR GRA 1 55, 1 Avenue
du Golf, F-78288 Guyancourt (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B60K 17/16

(11) WO 2004/106098 (13) A1

(21) PCT/EP2004/005372

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 25 381.5 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DRIVE SUPPORT FOR BEARING A
DRIVE AND DRIVE COMPRISING
DRIVE SUPPORT OF THIS TYPE
• SUPPORT DE BOITE DE VITESSES
POUR LE MONTAGE D'UNE BOITE DE
VITESSES, ET BOITE DE VITESSES
POURVUE D'UN TEL SUPPORT

(71) GETRAG GETRIEBE-UND ZAHNRAD-
FABRIK HERMANN HAGENMEYER
GMBH & CIE KG [DE/DE]; Herman-
Hagenmeyer Strasse, 74199 Untergruppen-
bach (DE). DR.ING. H.C.F. PORSCHE
AKTIENGESELLSCHAFT [DE/DE];
Porscheplatz 1, 70435 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TEUTEBERG, Rolf [DE/DE];
Prinz-Eugen-Strasse 5, 74321 Bietigheim
(DE). BAUER, Martin [DE/DE]; Stein-
bacherstrasse 10, 71549 Auenwald (DE).
CERVO, Ciro [IT/DE]; Eichendorffstrasse
27, 70771 Leinfelden (DE). KOHLER,
Petra [DE/DE]; Lange Strasse 15, 71726
Benningen (DE). LOHMANN, Georg
[DE/DE]; Kaiserstrasse 25, 74629 Pfedel-
bach (DE). NOLL, Anton [DE/DE]; Flieder-
weg 13, 74632 Neuenstein (DE). TREFZ,
Markus [DE/DE]; Reisacher Strasse 46/1,
74245 Loewenstein (DE). ALLGOEWER,
Andreas [DE/DE]; Muehlstrasse 2, 89191
Nellingen (DE).

(74) STEIL, Christian et al. / etc.; Witte, Weller
& Partner, Postfach 105462, 70047 Stuttgart
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B60K 37/00

(11) WO 2004/106099 (13) A1

(21) PCT/EP2004/005059

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 24 579.0 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPERATOR CONTROL DEVICE

• DISPOSITIF DE COMMANDE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 227, 70567 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHÖNER, Hans-Peter [DE/DE]; Es-
chenweg 3, 64397 Modautal-Brandau (DE).
SCHREINER, Michael [DE/DE]; Rumpfen-
heimerstrasse 58, 63165 Mühlheim (DE).

(74) BRÜCKNER, Ingo et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, IPM-C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B60K 41/00

(11) WO 2004/106100 (13) A2

(21) PCT/FR2004/001278

(22) 24 May/mai 2004 (24.05.2004)

(25) fr (26) fr

(30) 03/06217 23 May/mai 2003 FR
(23.05.2003)

(30) 03/06219 23 May/mai 2003 FR
(23.05.2003)

(30) 03/06218 23 May/mai 2003 FR
(23.05.2003)

(30) 03/06220 23 May/mai 2003 FR
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTROL DEVICE AND METHOD
FOR A MOTOR PROPULSION UNIT
WITH SEPARATE MECHANICAL AND
ELECTRICAL CONTROLS

• PROCEDE ET DISPOSITIF DE COM-
MANDE D'UN GROUPE MOTOPRO-
PULSEUR AVEC DES CONTROLES
MECANIQUE ET ELECTRIQUE SE-
PARES

(71) RENAULT s.a.s. [FR/FR]; 13,15, quai
Alphonse Le Gallo, F-92100 Boulogne Bil-
lancourt (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROYER, Laurent [FR/FR]; 117, av-
enue du Général Bizot, F-75012 Paris (FR).
GOELZER, Anne [FR/FR]; 8, rue Lakanal,
F-31000 Toulouse (FR). PICHON, Yves
[FR/FR]; 11, rue Rieux, F-92100 Boulogne
Billancourt (FR).

(74) ROUGEMONT, Bernard; Renault Techno-
centre, SCE 0267 - TCR GRA 1 55, 1, avenue
du Golf, F-78288 Guyancourt (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B60K 41/00, 6/04, 17/356, 23/08

(11) WO 2004/106101 (13) A1

(21) PCT/GB2003/002324

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTROL OF THE REAR WHEEL
DRIVE ASSIST IN A FRONT WHEEL
DRIVE VEHICLE
• COMMANDE D'ASSISTANCE MO-
TRICE DES ROUES ARRIERES DANS
UN VEHICULE A TRACTION AVANT

(71) GKN TECHNOLOGY LIMITED
[GB/GB]; P.O. Box 55, Ipsley House, Ip-
sley Church Lane, Redditch, Worcestershire
B98 0TL (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TUCKER-PEAKE, Adrian [GB/GB]; 6
Echells Close, Bromsgrove, Worcestershire
B61 7EB (GB).

(74) FORRESTER KETLEY & CO.; Chaim-
berlain House, Paradise Place, Birmingham
B3 3HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ B60K 41/20, 6/04

(11) WO 2004/106102 (13) A1

(21) PCT/EP2004/004651

(22) 3 May/mai 2004 (03.05.2004)

(25) de (26) de

(30) 103 24 948.6 3 Jun/juin 2003 DE
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MOTOR VEHICLE DRIVE DEVICE

• DISPOSITIF D'ENTRAINEMENT
POUR VEHICULE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRAUN, Harald [DE/DE]; Achalm-
strasse 34, 73734 Esslingen (DE). EBNER,
Norbert [DE/DE]; Haldenstrasse 32/1,
71642 Ludwigsburg (DE). FISCHER,
Michael [DE/DE]; Eduard-Spranger-Strasse
7, 71643 Ludwigsburg (DE). SCHOPPER,
Michael [DE/DE]; Fleckenweinberg 20,
70192 Stuttgart (DE).

(74) KOCHER, Klaus-Peter et al. / etc.; Daim-
lerChrysler AG, Intellectual Property Man-
agement, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B60K 41/24

(11) WO 2004/106103 (13) A1

(21) PCT/IB2004/001593

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/449,639 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRANSMISSION SYSTEM AND
METHOD OF OPERATION TO AC-
COMMODATE ENGAGEMENT OF
CENTRIFUGAL CLUTCH

• SYSTEME DE TRANSMISSION ET
PROCEDE D'ACTIONNEMENT PER-
METTANT L'ENCLenchement D'UN
EMBRAYAGE A COMMANDE CEN-
TRIFUGE

(71) EATON CORPORATION [US/US]; Eaton
Center, 1111 Superior Avenue, Cleveland,
OH 44114 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MARKYVECH, Ronald, Keith
[US/US]; 23260 Outer Drive, Allen Park,
MI 48101 (US). JAECKE, Daniel, Paul
[US/US]; 5432 S 6th Street, Kalamazoo,
MI 49009 (US). TAEDT, Donald, Douglas
[US/US]; 15090 S 24th Street, Vicksburg, MI
49097 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publié : (c)

(51)⁷ B60L 11/12, B60K 6/04

(11) WO 2004/106104 (13) A1

(21) PCT/EP2004/004451

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 24 573.1 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MOTOR VEHICLE AND ASSOCIATED
ELECTRONIC CONTROL DEVICE

• VÉHICULE AUTOMOBILE ET DIS-
POSITIF DE COMMANDE ÉLECTRO-
NIQUE CORRESPONDANT

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRAUN, Harald [DE/DE]; Achalm-
strasse 34, 73734 Esslingen (DE). EBNER,
Norbert [DE/DE]; Haldenstrasse 32/1,
71642 Ludwigsburg (DE). MAYER, Heiko
[DE/DE]; Uhlandstrasse 6, 73486 Adel-
mannsfelden (DE).

(74) KOCHER, Klaus-Peter et al. / etc.; Daim-
lerChrysler AG, IPM - C106, 70546 Stuttgart
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B60L 15/20

(11) WO 2004/106105 (13) A1

(21) PCT/CA2004/000789

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/453,145 2 Jun/juin 2003 US
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD TO SELEC-
TIVELY PREVENT MOVEMENTS OF
AN ELECTRIC VEHICLE.

• SYSTEME ET PROCEDE PERMET-
TANT D'EMPECHER DE MANIERE
SELECTIVE LES MOUVEMENTS
D'UN VEHICULE ELECTRIQUE

(71) TM4 INC. [CA/CA]; 135 J.-A. Bombardier,
Suite 25, Boucherville, Québec J4B 8P1
(CA).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SARRAILLON, Serge** [CA/CA]; 1591 Cote d'en Haut, Varennes, Québec J3X 1P7 (CA). **NOËL, Philippe** [CA/CA]; 721 Aragon, Beloeil, Québec J3G 6K9 (CA).
- (74) **LUPIEN, Marc et al.** / etc.; Brouillette Kosie Prince, 1100 René-Lévesque Blvd. 25th Floor, Montréal, Québec H3B 5C9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

- (51)⁷ **B60N 2/20, 3/02, A47C 7/00, B29C 33/44**
- (11) **WO 2004/106106** (13) A1
- (21) PCT/IT2003/000337
- (22) **30 May/mai 2003 (30.05.2003)**
- (25) en (26) en
- (30) MI2003A001075 **29 May/mai 2003 IT (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM FOR OPERATING RELEASE OF RECLINABLE BACKS OF SEATS IN GENERAL
- SYSTEME DE LIBERATION DE DOSIER INCLINABLE DE SIEGES EN GENERAL
- (71) **COSVECO S.R.L.** [IT/IT]; Via Leopardi, 19, I-20040 Capriano di Briosco (IT). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VELATI, Marco** [IT/IT]; Via Carducci, 32, I-20040 Capriano di Briosco (IT).
- (74) **DIGIOVANNI, Italo**; Brevetti Dott. Ing. Digiovanni Schmiedt S.r.l., Via Aldrovandi, 7, I-20129 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60N 2/22**

- (11) **WO 2004/106107** (13) A1
- (21) PCT/US2004/009370

(22) **26 Mar/mar 2004 (26.03.2004)**

- (25) en (26) en
- (30) 10/444,433 **23 May/mai 2003 US (23.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • VEHICLE SEAT WITH AUTO-FOLD LEG
- SIEGE DE VEHICULE POSSEDANT UN PIED POUVANT SE REPLIER AUTOMATIQUEMENT
- (71) **JOHNSON CONTROLS TECHNOLOGY COMPANY** [US/US]; 650 Waverly, Holland, Michigan 49423 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SODITCH, Milton, S.** [US/US]; 7901 Birkenstock Dr., Brighton, Michigan 48114 (US). **RILEY, Sean, A.** [US/US]; 25965 Cobblers Lane, South Lyon, Michigan 48178 (US). **NASTEVSKI, Vladimir** [—/US]; 3412 Starr, Royal Oak, Michigan 48073 (US). **SIEWERT, Douglas, A.** [US/US]; 424 Little Lake Drive, Condo 12, Ann Arbor, Michigan 48103 (US). **HOLDER, Brian** [US/US]; 15734 Sussex, Livonia, Michigan 48154 (US). **WILSON, Robert, A.** [US/US]; 4414 Standing Timers Lane, Toledo, Ohio 43623 (US).

(74) **WILKE JAMES A.; FOLEY & LARDNER LLP**, 777 East Wisconsin Avenue, Suite 3800, Milwaukee, Wisconsin 53202-5306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ **B60N 2/46**

- (11) **WO 2004/106108** (13) A1
- (21) PCT/SE2004/000829
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) sv (26) en
- (30) 0301576-5 **28 May/mai 2003 SE (28.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • ARMREST FOR USE WITH A VEHICLE SEAT
- ACCOUDOIR DESTINE A ETRE UTILISE AVEC UN SIEGE DE VEHICULE
- (71) **VOLVO CONSTRUCTION EQUIPMENT HOLDING SWEDEN AB** [SE/SE]; S-631 85 Eskilstuna (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARMÖ, Sveker** [SE/SE]; Marielundsgatan 10, S-632 28 Eskilstuna (SE). **LINDBLOM, Jonny** [SE/SE]; Bolmörtsvägen 4, S-632 29 Eskilstuna (SE).

(74) **FRÖHLING, Werner**; Volvo Technology Corporation, Corporate Patents, 06820, M1.7, S-405 08 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60N 3/10**

- (11) **WO 2004/106109** (13) A1
- (21) PCT/EP2004/003544
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) de (26) de
- (30) 203 08 399.7 **28 May/mai 2003 DE (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THERMOELECTRIC COMBINATION DEVICE
- DISPOSITIF THERMIQUE COMBINE

(71) **IPV INHEIDENER PRODUKTIONS-UND VERTRIEBSGESELLSCHAFT MBH** [DE/DE]; EZetilsstrasse 1, 35410 Hungen-Inhden (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZORN, Manfred** [DE/DE]; Climbacher Weg 1, 35418 Büseck (DE).

(74) **HEIM, Hans-Karl et al.** / etc.; Weber & Heim, Irmgardstrasse 3, 81479 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60R 1/074

(11) WO 2004/106115 (13) A1

(21) PCT/JP2004/007636

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-148857 27 May/mai 2003 JP (27.05.2003)

(30) 2004-052075 26 Feb/fév 2004 JP (26.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MIRROR DEVICE FOR VEHICLE
• RETROVISEUR DE VEHICULE

(71) ICHIKOH INDUSTRIES, LTD. [JP/JP]; 10-18, Higashi-Gotanda 5-chome, Shinagawa-ku, Tokyo 1418627 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ONUKI, Hiroyasu [JP/JP]

(74) MIYOSHI, Hidekazu; 9th floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 16/02, B62D 6/00 // 111:00, 137:00, B60G 17/015, 21/055

(11) WO 2004/106116 (13) A1

(21) PCT/JP2004/007273

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-151226 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TIRE GRIP PERFORMANCE ESTIMATION DEVICE AND METHOD AND RUNNING STATE CONTROL METHOD

• DISPOSITIF ET PROCEDE D'ESTIMATION DE PERFORMANCE D'ADHERENCE DE PNEUMATIQUE ET PROCEDE DE COMMANDE D'ETAT DE FONCTIONNEMENT

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ONO, Eiichi [JP/JP]; c/o Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi 480-1192 (JP). KOIBUCHI, Ken [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). ASANO, Kenji [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(74) NAKAJIMA, Jun et al. / etc.; Taiyo, Nakajima & Kato, Seventh Floor, HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 19/18, F16F 7/12

(11) WO 2004/106117 (13) A1

(21) PCT/CA2004/000823

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 60/475,275 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BUMPER ENERGY ABSORBER AND METHOD OF FABRICATING AND ASSEMBLING THE SAME

• AMORTISSEUR DE PARE-CHOCS ET PROCEDE DE FABRICATION ET D'ASSEMBLAGE

(71) DECOMA INTERNATIONAL INC. [CA/CA]; 50 Casmir Court, Concord, Ontario L4K 4J5 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) BATOR, Mary, Ann [US/US]; 27634 Wellington Road, Farmington Hills, MI 48334 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUOTARI, Keijo, J. [CA/US]; 12434 Orchardwood, Fenton, MI 48430 (US). HENDERSON, Jack, V. [US/US]; 6118 Dunmore Dr., West Bloomfield, MI 48322 (US). ZEMMER, Richard; 869 W. Sutton Road, Metamora, MI 48455 (US).

(74) IMAI, Jeffrey, T. et al. / etc.; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60R 19/22, 19/18, 21/34

(11) WO 2004/106118 (13) A1

(21) PCT/EP2004/003839

(22) 10 Apr/avr 2004 (10.04.2004)

(25) de (26) de

(30) 103 24 460.3 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BUMPER DEVICE FOR A VEHICLE, IN PARTICULAR FOR A MOTOR VEHICLE

• DISPOSITIF PARE-CHOCS DESTINE A UN VEHICULE, NOTAMMENT A UN VEHICULE MOTORISE

(71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NGUYEN, Ngoc-Dang [DE/DE]; Hannah-Höch-Ring 34, 38446 Wolfsburg (DE). BECKER, Dirk [DE/DE]; Dorfstrasse 41, 39599 Klein Möringen (DE).

(74) LIEBL, Thomas et al. / etc.; Fauststrasse 30, 85051 Ingolstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 21/01, 21/32

(11) WO 2004/106119 (13) A1

(21) PCT/EP2004/005383

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 25 163.4 27 May/mai 2003 DE (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SAFETY SYSTEM IN A MOTOR VEHICLE

• SYSTEME DE SECURITE MONTE DANS UN VEHICULE AUTOMOBILE

(71) VOLKSWAGEN AG [DE/DE]; 38436 Wolfsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SINNHUBER, Ruprecht** [DE/DE]; Berliner Ring 25, 38518 Gifhorn (DE). **WOHLLEBE, Thomas** [DE/DE]; Buchenring 14, 38547 Calberlah (DE). **VAN JAN, Tycho** [DE/DE]; Heidgarten 18, 38518 Gifhorn (DE).
- (74) **EFFERT, BRESSEL UND KOLLEGEN**; Radickestr. 48, 12489 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B60R 21/16**
- (11) **WO 2004/106120** (13) A1
- (21) PCT/US2003/015388
- (22) **15 May/mai 2003 (15.05.2003)**
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **POLYESTER FILAMENT WOVEN FABRIC FOR AIR BAGS**
- **TOILE TISSEE A FILAMENTS POLYESTER POUR COUSSINS DE SECURITE GONFLABLES**
- (71) **INVISTA TECHNOLOGIES S.A.R.L.** [LU/CH]; Talstrasse 80, CH-8001 Zurich (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEBENEDICTIS, Mach, A.** [US/US]; 184 Longboat Road, Mooresville, NC 28117-8202 (US). **SCHMITT, Thomas, E.** [US/US]; 5731 Monticello Drive, Concord, NC 28027 (US).
- (74) **CLEMENTS, Gregory, N. et al.** / etc.; Dougherty, Clements & Hofer, 1901 Roxborough Road, Suite 300, Charlotte, NC 28211 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B60R 21/20**
- (11) **WO 2004/106121** (13) A1
- (21) PCT/EP2004/004195
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) de (26) de
- (30) 103 24 248.1 **28 May/mai 2003 DE (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **PLASTIC SUBSTRATE AND METHOD FOR THE PRODUCTION THEREOF**
- **SUPPORT EN MATIERE PLASTIQUE ET SON PROCEDURE DE PRODUCTION**
- (71) **BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, 80809 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KLISCH, Thomas** [DE/DE]; Herzogstr. 10, 80803 München (DE). **HAWLITZKI, Georg** [DE/DE]; Albert-Schweitzer-Str. 17, 85375 Neufahrn (DE).
- (74) **BMW AG**; Patentabteilung, AJ-3, 80788 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B60R 21/22, 21/24, 21/26**
- (11) **WO 2004/106122** (13) A1
- (21) PCT/SE2004/000779
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) en (26) en
- (30) 0312120.9 **27 May/mai 2003 GB (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **AN AIR-BAG**
- **AIRBAG**
- (71) **AUTOLIV DEVELOPMENT AB** [SE/SE]; S-447 83 Vårgårda (SE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SVENBRANT, Emma** [SE/SE]; Illergatan 8, S-442 42 Kungälv (SE). **WOLLIN, Séverine** [SE/SE]; 8343 Sjöbo, S-441 91 Alingsås (SE).
- (74) **MEULLER, Erik**; Autoliv Development AB, Patent Dept., S-447 83 Vårgårda (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B60R 21/26**
- (11) **WO 2004/106123** (13) A1
- (21) PCT/JP2004/006942
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) ja (26) ja
- (30) 2003-150256 **28 May/mai 2003 JP (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **INFLATOR**
- **GONFLEUR**
- (71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka, 5908501 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KATSUDA, Nobuyuki** MATSUDA, Naoki
- (74) **FURUYA, Satoshi et al.** / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo, 1030007 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B60R 21/26**
- (11) **WO 2004/106124** (13) A1
- (21) PCT/JP2004/006946
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) ja (26) ja
- (30) 2003-151887 **29 May/mai 2003 JP (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **INFLATOR**
- **GONFLEUR**
- (71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka, 5908501 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KATSUDA, Nobuyuki** YAMASHITA, Haruhiko
- (74) **FURUYA, Satoshi et al.** / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo, 1030007 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ B60R 22/405
- (11) WO 2004/106125 (13) A1
- (21) PCT/EP2004/005530
- (22) 22 May/mai 2004 (22.05.2004)
- (25) de (26) de
- (30) 103 24 195.7 28 May/mai 2003 DE
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SAFETY BELT RETRACTOR HAV-
ING A ROTATION ANGLE-DEFINED
SWITCHING OFF OF THE BELT
STRAP-SENSITIVE CONTROL SYS-
TEM
- ENROULEUR DE CEINTURE DE SE-
CURITE A DECONNEXION DU SYS-
TEME DE COMMANDE SENSIBLE A
LA SANGLE, DEFINIE PAR ANGLE DE
ROTATION
- (71) AUTOLIV DEVELOPMENT AB [SE/SE];
Wallentinsvägen 22, S-44783 Vargarda (SE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) JABUSCH, Ronald [DE/DE]; 4 Am
Eiskeller, 25336 Elmshorn (DE).
- (74) MÜLLER, Karl-Ernst et al. / etc.; 22 Turm-
strasse, 40878 Ratingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OMPG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ B60S
- (11) WO 2004/106126 (13) A2
- (21) PCT/US2004/016752
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 60/473,674 27 May/mai 2003 US
(27.05.2003)
- (30) 60/547,514 25 Feb/fév 2004 US
(25.02.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEVICE FOR SECURING A PER-
SONAL-TRANSPORT VEHICLE TO A
MOUNTING SURFACE
- DISPOSITIF PERMETTANT
D'IMMOBILISER UN VEHICULE DE
TRANSPORT DE PERSONNE SUR
UNE SURFACE DE MONTAGE
- (71) COOK TECHNOLOGIES, INC. [US/US];
North 2nd Street, Green Lane, PA 18054
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) PANZARELLA, Thomas, A. [US/US];
217 Birkdale Drive, Blue Bell, PA 19422
(US). ELDON, James, B., III [US/US];
68 Bull Road, Barto, PA 19505 (US). MC-
CLANAHAN, David, D. [US/US]; 871 Old
Summeytown Pike, Harleysville, PA 19438
(US).
- (74) MARCELLINO, Albert, J. et al. / etc.;
Woodcock Washburn LLP, One Liberty Place
- 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ B60S 1/02
- (11) WO 2004/106127 (13) A1
- (21) PCT/EP2004/005959
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) fr (26) fr
- (30) 0306702 2 Jun/juin 2003 FR
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM FOR CLEANING A WINDOW
PANEL
- AGENCEMENT POUR LE NET-
TOYAGE D'UN PANNEAU VITRE
- (71) VALEO SYSTEMES D'ESSUYAGE
[FR/FR]; Z.A. de l'Agiot-B.P. 81, 8, rue
Louis Lormand, F-78321 La Verrière (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) EUSTACHE, Jean-Pierre [FR/FR]; 3,
avenue de la Providence, F-92160 Antony
(FR).
- (74) LEVY-MOULIN, Béatrice; Valeo Sys-
tèmes d'Essuyage, Z.A. de l'Agiot, B.P. 81,
8, rue Louis Lormand, F-78321 La Verrière
(FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ B60S 1/03
- (11) WO 2004/106129 (13) A1
- (21) PCT/CA2004/000796
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 60/473,488 28 May/mai 2003 US
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • STUFFER PLUG FOR AUTOMOTIVE
EXTRUDATE
- BOUCHON DE REMBOURRAGE
POUR EXTRUDAT D'AUTOMOBILE
- (71) DECOMA INTERNATIONAL INC.
[CA/CA]; 50 Casmir Court, Concord, On-
tario L4K 4J5 (CA).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Published / Publiée : (c)

- (25) ja (26) ja
- (30) 2003/156986 **2 Jun/juin 2003** JP
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRANSPORTATION MOTOR VEHICLE AND METHOD OF CONTROLLING THE SAME
- VEHICULE DE TRANSPORT A MOTEUR ET SON PROCEDE DE COMMANDE
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAKINUMA, Takekazu** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **TSUNODA, Yoshisue et al.** / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B62D 1/19**
- (11) **WO 2004/106141** (13) A1
- (21) PCT/JP2004/007453
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) ja (26) ja
- (30) 2003-149682 **27 May/mai 2003** JP
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TELESCOPIC STRUCTURE AND STEERING COLUMN DEVICE FOR MOTOR VEHICLE
- STRUCTURE TELESCOPIQUE ET DISPOSITIF DE COLONNE DE DIRECTION D'UN VEHICULE A MOTEUR
- (71) **NSK LTD.** [JP/JP]; 6-3, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP). **NSK STEERING SYSTEMS CO., LTD.** [JP/JP]; 6-3, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOSHIMOTO, Shin** [JP/JP]; c/o NSK Steering Systems Co., Ltd., 8-1, Sojamachi 1-chome, Maebashi-shi, Gunma 371-8528 (JP). **HIGASHINO, Kiyoharu** [JP/JP]; c/o NSK Steering Systems Co., Ltd., 8-1, Sojamachi 1-chome, Maebashi-shi, Gunma 371-8528 (JP). **SADAKATA, Kiyoshi** [JP/JP]; c/o NSK Steering Systems Co., Ltd., 8-1, Sojamachi 1-chome, Maebashi-shi, Gunma 371-8528 (JP).
- (74) **OGURI, Shohei et al.** / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B62D 5/04**
- (11) **WO 2004/106142** (13) A1
- (21) PCT/JP2004/005814
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 2003-151424 **28 May/mai 2003** JP
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRIC POWER STEERING APPARATUS FOR VEHICLE AND METHOD FOR INSTALLING THE SAME ON VEHICLE
- APPAREIL DE DIRECTION ASSISTEE ELECTRIQUE DESTINE A UN VEHICULE ET PROCEDE DE MONTAGE DUDIT APPAREIL SUR UN VEHICULE
- (71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **Shuji, FUJITA** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).
- (74) **ITOH, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 1506032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (b)
- (51)⁷ **B62D**
- (11) **WO 2004/106140** (13) A2
- (21) PCT/US2004/015712
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 60/472,293 **21 May/mai 2003** US
(21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FIFTH WHEEL HITCH ASSEMBLY INCORPORATING KING PIN DETECTION SYSTEM
- ASSEMBLAGE D'ATTELAGE DE CINQUIEME ROUE INTEGRANT UN SYSTEME DE DETECTION DE PIVOT D'ATTELAGE
- (71) **CEQUENT TOWING PRODUCTS, INC.** [US/US]; 47774 Anchor Court, Plymouth, MI 48170 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROBERTS, Anthony, S.** [US/US]; 52301 Evard Drive, Granger, IN 46530 (US). **LINDENMAN, Thomas, W.** [US/US]; 18488 Kern Road, South Bend, IN 46614 (US). **MCCOY, Richard, W.** [US/US]; 51159 Deerpath Drive, Granger, IN 46530 (US).
- (74) **SCHICKLI, Warren, D. et al.** / etc.; King & Schickli PLLC, 247 North Broadway, Lexington, KY 40507 (US).
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- (51)⁷ **B62D 6/00**
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- (21) PCT/JP2004/006883
- (22) **14 May/mai 2004 (14.05.2004)**
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- (30) 2003-153747 **30 May/mai 2003** JP
(30.05.2003)
- (30) 2003-163446 **9 Jun/juin 2003** JP
(09.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CONTROLLER FOR ELECTRIC POWER STEERING DEVICE
- CONTROLEUR POUR DISPOSITIF DE DIRECTION A ASSISTANCE ELECTRIQUE
- (71) **NSK LTD.** [JP/JP]; 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo 1418560 (JP). **NSK STEERING SYSTEMS CO., LTD.** [JP/JP]; 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo 1418560 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TA, Cao, Minh** [VN/JP]; C/o Nsk Steering Systems Co., Ltd., 78, Toriba-machi, Maebashi-shi, Gunma 3710845 (JP). **JIANG, Chun, Hao** [CN/JP]; C/o Nsk Steering

- Systems Co., Ltd., 78, Toriba-machi, Maebashi-shi, Gunma 3710845 (JP). ENDO, Shuji [JP/JP]; C/o Nsk Steering Systems Co., Ltd., 78, Toriba-machi, Maebashi-shi, Gunma 3710845 (JP).
- (74) AGATA, Yuuzo; 13-5, Akasaka 2-Chome, Minato-Ku, Tokyo 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62D 6/04
- (11) WO 2004/106144 (13) A1
- (21) PCT/EP2004/004300
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) de (26) de
- (30) 103 24 278.3 28 May/mai 2003 DE (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TILT REGULATION DEVICE AND METHOD FOR REGULATING VEHICLE TILT
- DISPOSITIF DE REGULATION D'INCLINAISON ET PROCEDE POUR LA REGULATION D'INCLINAISON D'UN VEHICULE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMMON, Dieter [DE/DE]; Hohenheimer Strasse 96, 71686 Remseck (DE).
- (74) WIED, Armin et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62D 21/15, B60S 1/50
- (11) WO 2004/106146 (13) A1
- (21) PCT/EP2004/004299
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) de (26) de
- (30) 103 24 270.8 28 May/mai 2003 DE (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SAFETY DEVICE FOR A SHELL STRUCTURE OF A MOTOR VEHICLE
- DISPOSITIF DE SECURITE POUR UNE CAISSE DE CARROSSERIE DE VEHICULE A MOTEUR
- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MÜLLER, Christoph [DE/DE]; Nagoldstrasse 7, 71065 Sindelfingen (DE). RUF, Jochen [DE/DE]; Schauinslandstrasse 11, 75177 Pforzheim (DE). SAILER, Josef [DE/DE]; Hohenbergstrasse 18, 72401 Haigerloch (DE). SCHNABEL, Alfred [DE/DE]; Birkenweg 9, 75382 Althengstett (DE).
- (74) BERGEN-BABINECZ, Katja et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- (25) de (26) de
- (30) 10324812.9 2 Jun/juin 2003 DE (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DISPLAY UNIT AND METHOD FOR DISPLAYING A STEERING ANGLE OF THE STEERING WHEEL OF A VEHICLE
- UNITE INDICATRICE ET PROCEDE POUR INDIQUER L'ANGLE DE ROTATION DU VOLANT D'UN VEHICULE
- (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEUTNAGEL-BUCHNER, Uwe [DE/DE]; Waldmeisterweg 26, 70186 Stuttgart (DE).
- (74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62D 15/02
- (11) WO 2004/106145 (13) A1
- (21) PCT/EP2004/050882
- (22) 21 May/mai 2004 (21.05.2004)
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62D 31/02, 65/00, B60N 2/01, 3/00
- (11) WO 2004/106147 (13) A1
- (21) PCT/IT2004/000271
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) TO2003A000389 27 May/mai 2003 IT (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MULTI-DOOR CAR WITH INDEPENDENT ACCESSES AND PROCESS FOR MANUFACTURING SUCH CAR
- VOITURE A PORTIERES MULTIPLES A ACCES INDEPENDANT ET SON PROCEDE DE FABRICATION
- (71) IDEA PROJECT, S.A.G.L. [CH/CH]; Via delle Scuole 6, CH-6963 Pregassona (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAINI, Alberto [IT/IT]; Localita' Isola, I-25050 Saviole Dell'Adamello (IT).
- (74) GARAVELLI, Paolo; A.Bre.Mar. S.r.l., Via Servais, 27, I-10146 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ B62D 55/253
- (11) WO 2004/106148 (13) A1
- (21) PCT/JP2004/007272
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-150307 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • RUBBER TRACK WITH EXCELLENT STRAIGHT-LINE STABILITY
- CHENILLE EN CAOUTCHOUC A EXCELLENTE STABILITE EN LIGNE DROITE

- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJITA, Yasuaki** [JP/JP]; c/o Bridgestone Corporation, 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP). **MATSUO, Shuichi** [JP/JP]; c/o Bridgestone Corporation, 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
- (74) **NAKAJIMA, Jun** et al. / etc.; Taiyo, Nakajima & Kato, Seventh Floor, HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B62D 65/00, B25J 19/02, B60J 1/00, G01B 5/00, 5/04**
- (11) **WO 2004/106149** (13) A1
(21) PCT/ES2004/000248
(22) **31 May/mai 2004 (31.05.2004)**
(25) es (26) es
(30) P 2003 01315 **2 Jun/juin 2003** ES (02.06.2003)
(30) P 2004 01287 **28 May/mai 2004** ES (28.05.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **PALPATION SYSTEM FOR INSERTION OF WINDOWS IN VEHICLES**
• **SYSTEME DE PALPATION EN VUE D'INSERTION DE VITRES DANS DES VEHICULES**
- (71) **ASM-DIMATIC INGENIERIA, S.A.** [ES/ES]; Ctra. Castelvell 14, Apdo. 1008, E-43206 Reus, Tarragona (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOYA GARCIA, José, Julio** [ES/ES]; Ctra. Castelvell, 14, Apdo. 1008, E-43206 Reus, Tarragona (ES). **REDO SANCHEZ, Albert** [ES/ES]; Ctra. Castelvell 14, Apdo. 1008, E-43206 Reus (ES).
- (74) **URIZAR ANASAGASTI, José, Antonio**; C/Victor De La Serna 3-5 (Parking), E-28016 Madrid (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B62J 9/00**
- (11) **WO 2004/106150** (13) A1
(21) PCT/KR2004/001088
(22) **11 May/mai 2004 (11.05.2004)**
(25) ko (26) en
(30) 20-2003-0016651 **28 May/mai 2003** KR (28.05.2003)
(30) 20-2004-0000294 **7 Jan/jan 2004** KR (07.01.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **BAG FOR TWO-WHEELED VEHICLE**
• **SAC POUR VEHICULE A DEUX ROUES**
- (71, 72) **BYUN, Jong Sub** [KR/KR]; 403, Namgwang APT, 1463-4, Gwanyang-dong, Dongan-gu, Anyang-si, Gyunggi-do, 431-060 (KR).
- (74) **KIM, Yoo**; Sarang International Patent & Law office, 2-201 Taewon-building, 746-15 Yeoksam-dong, Kangnam-gu, Seoul 135-925 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B62M**
- (11) **WO 2004/106151** (13) A2
(21) PCT/US2004/005463
(22) **25 Feb/fév 2004 (25.02.2004)**
(25) en (26) en
(30) 10/446,556 **28 May/mai 2003** US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **AUTOMATIC TRANSMISSION WITH STEPLESS, CONTINUOUSLY VARIABLE SPEED AND TORQUE RATIO**
• **TRANSMISSION AUTOMATIQUE A RAPPORT DE COUPLE ET DE VITESSE CONTINUELLEMENT VARIABLE, CONTINU**
- (71, 72) **BEALE, William, T.** [US/US]; 13818 Robinson Ridge Road, Athens, OH 45701 (US).
- (74) **FOSTER, Frank, H.** et al. / etc.; KREMBLAS, FOSTER, PHILIPPS & POLLICK, 7632 Slate Ridge Blvd., Reynoldsburg, OH 43068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B63B 43/00, A62C 3/10, G01C 21/22**
- (11) **WO 2004/106152** (13) A1
(21) PCT/EP2004/004441
(22) **27 Apr/avr 2004 (27.04.2004)**
(25) de (26) de
(30) 10/448,224 **30 May/mai 2003** US (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **BATTLE DAMAGE MONITORING DEVICE FOR BOATS**
• **DISPOSITIF DE CONTROLE D'AVARIES DE COMBAT POUR BATEAUX**
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittlesbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÜLLER, Karl-Heinz** [DE/DE]; Poststr. 21A, 27412 Tarmstedt (DE). **SCHULZE, Matthias** [DE/DE]; Am Dornbusch 17, 21335 Lüneburg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B63B 49/00, B63H 21/22**
- (11) **WO 2004/106153** (13) A1
(21) PCT/EP2004/004440
(22) **27 Apr/avr 2004 (27.04.2004)**
(25) de (26) de
(30) 10/448,225 **30 May/mai 2003** US (30.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AUTOMATED CARRIER SYSTEM OF A SHIP
• NAVIRE A SYSTEME DE BASE AUTOMATIQUE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MÜLLER, Karl-Heinz [DE/DE]; Poststr. 21A, 27412 Tarmstedt (DE). SCHULZE, Matthias [DE/DE]; Am Dornbusch 17, 21335 Lüneburg (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B63C
- (11) WO 2004/106154 (13) A2
- (21) PCT/US2004/015963
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/473,005 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LINE CAPTURE SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CAPTURE DE CORDE
- (71, 72) CROSLIN, Michael [US/US]; Crossline Solutions, 400 Upper Road, San Rafael, CA 94903 (US). GOODMAN, Lion [US/US]; Crossline Solutions, 400 Upper Road, San Rafael, CA 94903 (US).
- (74) LARIVIERE, GRUBMAN & PAYNE, LLP; P.O. Box 3140, Monterey, CA 93942-3140 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B64C 27/00, 27/04, B64D 37/06, 25/00
- (11) WO 2004/106155 (13) A1
- (21) PCT/EP2004/005759
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) MI2003A 001086 30 May/mai 2003 IT (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CRASHWORTHINESS STRUCTURE AND METHOD
• STRUCTURE ET PROCEDE DE PROTECTION DES OCCUPANTS EN CAS D'ACCIDENT
- (71) POLITECNICO DI MILANO [IT/IT]; Piazza Leonardo da Vinci, 32, I-20133 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANGHILERI, Marco [IT/IT]; Via Londonio, 10, I-20100 Milano (IT).
- (74) COLOMBO, Stefano, Paolo et al. / etc.; Marchi & Partners S.r.l., Via Pirelli, 19, I-20124 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ B64C 37/02, B64D 5/00
- (11) WO 2004/106156 (13) A1
- (21) PCT/GB2004/002209
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 0312353.6 30 May/mai 2003 GB (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND DEVICE FOR LAUNCHING AERIAL VEHICLES
• PROCEDE ET DISPOSITIF DE LANCEMENT DE VEHICULES AERIENS
- (71) QINETIQ LIMITED [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1 6PD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KELLEHER, Christopher, Charles [GB/GB]; Cody Technology Park, Room G003, Building X107, Ively Road, Farnborough GU14 0LX (GB).
- (74) OBEE, Robert, William; Qinetiq Ltd, IP Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B64D 13/00, B01D 45/08
- (11) WO 2004/106157 (13) A1
- (21) PCT/US2004/015565
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 10/446,748 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SNOW FILTER
• FILTRE A NEIGE
- (71) HAMILTON SUNSTRAND CORPORATION [US/US]; One Hamilton Road, Windsor Locks, CT 06096 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) TADDEY, Edmund, P.; 960 Burnett Road, Chicopee, MA 01020-4964 (US). SCHWEMMER, John, A.; 1 Maple Street #7, Ellington, CT 06029 (US). HARRIS, Mark, L.; 115 W. Main Street, #213, Vernon, CT 06066 (US). PREMONT, Robert, A.; 33 Greenacre Lane, East Longmeadow, MA 01028 (US).
- (74) STEPHENSON, Gregory, R.; Hamilton Sundstrand Corporation, One Hamilton Road, MS 1-1-BC18, Windsor Locks, CT 06096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ B64D 13/00
- (11) WO 2004/106158 (13) A2
- (21) PCT/US2004/015566
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en

- (30) 10/442,510 **21 May/mai 2003** US
(21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPACT AIR CONDITIONING MIXER SYSTEM
• SYSTEME MELANGEUR DE CONDITIONNEMENT D'AIR COMPACT
- (71) HAMILTON SUNDSTRAND CORPORATION [US/US]; One Hamilton Road, Windsor Locks, CT 06096 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) KLINE, Erin; 65 Bete Circle, Vernon, CT 06066 (US). ZYWIAK, Thomas; 40 Pleasantview Drive, Suffield, CT 06078 (US). MCCOLGAN, Charles, J.; 277 West Granby Road, West Granby, CT 06090 (US). CHRISTIANS, Douglas; 137 Irene Drive, Vernon, CT 06066 (US). LOCKWOOD, William; 20 Russell Street, Enfield, CT 06082 (US).
- (74) STEPHENSON, Gregory, R.; Hamilton Sundstrand Corporation, One Hamilton Road, MS 1-1-BC18, Windsor Locks, CT 06096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ B64D 45/02
- (11) WO 2004/106160 (13) A1
- (21) PCT/GB2004/002105
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 0312339.5 **30 May/mai 2003** GB
(30.05.2003)
- (30) 03253384.6 **30 May/mai 2003** EP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOSITE STRUCTURE LIGHTNING PROTECTION
• PROTECTION CONTRE LA Foudre D'UNE STRUCTURE COMPOSITE
- (71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PRIDHAM, Barry, John [GB/GB]; BAE Systems (Operations) Limited, Warton Aerodrome, Preson, Lancashire PA4 1AX (GB). BOWERY, Michael, John [GB/US]; 3405 Riverstone Circle East #222, Fort Worth, TX 76116 (US).
- (74) BAE SYSTEMS PLC; Group IP Department, Lancaster House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B64D 37/32
- (11) WO 2004/106159 (13) A1
- (21) PCT/US2004/015564
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 10/446,598 **28 May/mai 2003** US
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPRESSOR FOR USE IN AIRCRAFT FUEL TANK AIR PURGE SYSTEM
• COMPRESSEUR DESTINE A UN SYSTEME D'EPURATION D'AIR D'UN RESERVOIR DE CARBURANT D'AERONEF
- (71) HAMILTON SUNDSTRAND CORPORATION [US/US]; One Hamilton Road, Windsor Locks, CT 06096 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) HIPSKY, Harold; 136 Turnpike Road, Willington, CT 06279 (US).
- (74) STEPHENSON, Gregory, R.; Hamilton Sundstrand Corporation, One Hamilton Road, MS 1-1-BC18, Windsor Locks, CT 06096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B64F 1/26, G10K 11/00
- (11) WO 2004/106161 (13) A1
- (21) PCT/US2003/016753
- (22) 28 May/mai 2003 (28.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AIRCRAFT GROUND RUN-UP ENCLOSURE
- ENCEINTE POINT FIXE AU SOL POUR AERONEF
- (71) BURNS & MCDONNELL ENGINEERING COMPANY, INC. [US/US]; 9400 Ward Parkway, Kansas City, MO 64114 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROARK, Michael, E. [US/US]; 3009 S.W. 12th Street, Lee's Summit, MO 64081-3761 (US). BOE, Mark, S. [US/US]; 9661 Glenridge Drive, Reno, Nevada 89521 (US). HOELMER, Werner [US/US]; 2689 Topichills Drive, Cincinnati, OH 45248 (US). GOODEN, Joop, H., M. [NL/NL]; Voorsterweg 31, 8316 PR Marknesse, P.O. Box 153,, NL-8300 AD Emmelaord (NL). DE VALK, Gerold [NL/NL]; Steiltjesweg 1, P.O. Box 155, NL-2600 AD Delft (NL). PARCHEN, Rene [NL/NL]; Steiltjesweg 1, P.O. Box 155, NL-2600 AD Delft (NL). BRETTMANN, Barie [US/US]; 11537 Carter, Overland Park, KS 66210 (US).
- (74) BRANDT, Christopher, D.; Stinson Morrison Hecker LLP, 1201 Walnut, Suite 2800, Kansas City, MO 64106-2150 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65B
- (11) WO 2004/106162 (13) A2
- (21) PCT/EP2004/005901
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) 103 24 749.1 **30 May/mai 2003** DE
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF PRODUCING PACKAGING CONTAINERS FROM PLASTICS, A PACKAGING CONTAINER, A METHOD OF PRODUCING FILLED AND CLOSED PACKAGING CONTAINERS, A MOLDING STATION FOR A PLASTIC PACKAGING CONTAINER AND A PACKAGING MACHINE
• PROCEDE DE PRODUCTION DES CONTENEURS DE CONDITIONNEMENT EN PLASTIQUE, CONTENEUR DE CONDITIONNEMENT, PROCEDE DE PRODUCTION DE CONTENEURS DE CONDITIONNEMENT REMPLIS ET FERMES, ET POSTE DE MOULAGE DE CONTENEUR DE CONDITIONNEMENT ET MACHINE DE CONDITIONNEMENT
- (71) KOURTOGLOU S.A. [GR/GR]; GR-210 53 Nea Kios - Argolida (GR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KOURTOGLOU, Dimitris** [GR/GR]; Nea Kios Argos, GR-210 53 Argolida (GR).
- (74) **KLITZSCH, Gottfried**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65B**
- (11) **WO 2004/106163** (13) A2
- (21) PCT/US2004/017013
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 10/447,807 **29 May/mai 2003 US (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **PACKAGING REEL AND METHOD**
• **DEROULEUSE ET PROCEDE D'EMBALLAGE**
- (71) **AMERICAN SPOOL AND PACKING, INC.** [US/US]; 1832 n. Fifth Street, Hartsville, SC 29551 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RIDGEWAY, Lawrence, M., Jr.** [US/US]; 323 Jamesbury Road, Charleston, SC 29492 (US).
- (74) **KILLOUGH, Craig, B. et al.** / etc.; Barnwell Whaley Patterson & Helms, LLC, P.O. Drawer H, Charlestone, SC 29402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65B 1/04, B65D 51/16**
- (11) **WO 2004/106164** (13) A1
- (21) PCT/US2004/017369
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) en (26) en
- (30) 60/474,069 **29 May/mai 2003 US (29.05.2003)**
- (30) 60/474,100 **29 May/mai 2003 US (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **SCREW CAP FOR A VESSEL**
• **CAPSULE A VIS POUR UN RECIPIENT**
- (71) **CHAPIN MANUFACTURING, INC.** [US/US]; 700 Ellicott Street, P.O. Box 549, Batavia, NY 14021-0549 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BYRON, David** [US/US]; 10 Lantern Lane, Honeoye Falls, NY 14475 (US).
- (74) **AVEN, Mauri, L.**; Jaeckle Fleischmann & Mugel, LLP, Suite 200, 39 State Street, Rochester, NY 14614-1310 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **B65B 9/10, 37/10, 1/12**
- (11) **WO 2004/106165** (13) A1
- (21) PCT/JP2004/006458
- (22) **13 May/mai 2004 (13.05.2004)**
- (25) ja (26) ja
- (30) 2003-153732 **30 May/mai 2003 JP (30.05.2003)**
- (30) 2003-168698 **13 Jun/juin 2003 JP (13.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **FILLING PACKAGING DEVICE**
• **DISPOSITIF DE REMPLISSAGE D'EMBALLAGES**
- (71) **NIPPON SEIKI CO., LTD.** [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 9408580 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATOH, Mitsuhiro** [JP/JP]; c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 9408580 (JP). **TAKAHASHI, Yoshimori** [JP/JP]; c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 9408580 (JP). **MIYAZAWA, Yasuhito** [JP/JP]; c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 9408580 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65B 25/04, 13/02, 27/00, 27/10, B65D 71/00, 71/50, 63/10, 81/24, A01D 59/02**
- (11) **WO 2004/106166** (13) A1
- (21) PCT/AU2004/000734
- (22) **2 Jun/juin 2004 (02.06.2004)**
- (25) en (26) en
- (30) 2003902756 **3 Jun/juin 2003 AU (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **A METHOD OF, AND A BINDING FOR, PACKAGING BANANAS**
• **PROCEDE ET BANDE D'ATTACHE POUR CONDITIONNER DES BANANES**
- (71) **ENVIROTREND PTY LTD** [AU/AU]; Lot 2 Shaws Corner, Innisfail, Queensland 4860 (AU). **MORICONI, Giovanni** [AU/AU]; 25 Lanark Street, Kirwan, Queensland 4817 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BORSATO, Robert** [AU/AU]; 117 Sundown Road, Innisfail, Queensland 4860 (AU).
- (74) **CULLEN & CO.**; Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65B 51/14, 61/24**
- (11) **WO 2004/106167** (13) A1
- (21) PCT/EP2004/005623
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) en (26) en
- (30) MI2003 A 001088 **30 May/mai 2003 IT (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **MACHINE FOR COMPLETING THE UPPER CLOSURE OF A FLAT-BOTTOMED BAG FOR SMALL-SIZED PRODUCTS**
• **MACHINE SERVANT A EXECUTER LA FERMETURE SUPERIEURE D'UN SAC A FOND PLAT CONCU POUR DES PRODUITS FAIBLEMENT DIMENSIONNES**
- (71) **ALTOPACK S.R.L.** [IT/IT]; Via Roma, 136, I-55011 Altopascio (IT).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **VEZZANI, Paolo** [IT/IT]; Via di Tiglio, 728, I-55012 Capannori (IT).
- (74) **MITTLER, Enrico**; Mittler & C. s.r.l., Viale Lombardia, 20, I-20131 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(i) for the following designation / pour la désignation suivante : US
(ii) for / pour US only / seulement

- (51)⁷ **B65C**
- (11) **WO 2004/106168** (13) A2
- (21) PCT/US2004/015722
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 60/472,459 **22 May/mai 2003 US (22.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LINERLESS LABELS
• ETIQUETTES NON DOUBLES
- (71) **APPLETON PAPERS INC.** [US/US]; 825 E. Wisconsin Avenue, P.O. Box 359, Appleton, WI 54912-0359 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **MATHIAPARANAM, Ponnampalam**; 37 Diane Lane, Appleton, WI 54915 (US). **FISCHER, Mark, R.**; 322 N. Oneida Street, Appleton, WI 54911 (US). **JUSTA MACNEIL, Stacey, Ann**; 1120 W. Harris Street, Appleton, WI 54911 (US).
- (74) **MIELIULIS, Benjamin**; Appleton Papers Inc., 1400 N. Rankin Street, P.O. Box 359, Appleton, WI 54912-0359 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B65D**
- (11) **WO 2004/106169** (13) A2
- (21) PCT/DE2004/001175
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) de (26) de
- (30) 103 25 209.6 **29 May/mai 2003 DE (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CONTAINER FOR PRE-PORTIONED MEALS AND/OR LIQUIDS
• RECEPTACLE POUR REPAS A PRE-PORTIONS ET/OU LIQUIDES
- (71, 72) **WALTER, Hubert, Eric** [DE/DE]; Adlerbastei 2/1, 89073 Ulm (DE).
- (74) **PFENNING, MEINIG & PARTNER GBR**; Gostritzer Strasse 61-63, 01217 Dresden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B65D**
- (11) **WO 2004/106170** (13) A2
- (21) PCT/IB2004/001494
- (22) **11 May/mai 2004 (11.05.2004)**
- (25) en (26) en
- (30) 2003/4121 **28 May/mai 2003 ZA (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRONIC CIGARETTE LIGHTER AND CIGARETTE PACK EMBODYING SAME
• BRIQUET ELECTRONIQUE ET PAQUET DE CIGARETTES AVEC BRIQUET INCORPORE
- (71) **OLIVIER, Louis** [ZA/ZA]; 36 Fabriek Street, Strand, Western Cape Province, 7140 (ZA).
- (74) **VON, SEIDEL, Michael**; 10 Leccino Terrace, Bakkershooogte, Somerset West, 7130 Western Cape Province (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B65D**
- (11) **WO 2004/106171** (13) A2
- (21) PCT/US2004/016097
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) en (26) en
- (30) 60/473,206 **23 May/mai 2003 US (23.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ONE-PIECE SHIPPING CONTAINER WITH DIFFERENTLY CONTOURED INNER AND OUTER WALLS AND A QUICK-LOCK BOTTOM
• CONTENEUR D'EXPEDITION MONOBLOC A PAROIS INTERNES ET EXTERNES DIFFEREMMENT PROFILÉES ET A FOND ENCHEVETRE
- (71) **INTERNATIONAL PAPER COMAPNY** [US/US]; Cincinnati Technology Center, 6285 Tri-Ridge Boulevard, Loveland, OH 45140 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRY, Stanley, L.** [US/US]; 1302 West Devers, West Covina, CA (US). **DISALVO, Timi** [US/US]; 2820 E. Cecil Avenue, Visalia, CA 93292 (US).
- (74) **STELTER, Daniel, C.**; 6285 Tri-Ridge Boulevard, Loveland, OH 45140 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **B65D**
- (11) **WO 2004/106172** (13) A2
- (21) PCT/US2004/016796
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 60/473,847 **27 May/mai 2003 US (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF JOINING SEPARABLE COMPONENTS AND CONTAINER CLOSURE SYSTEM FORMED BY THE SAME
• PROCÉDE D'ASSEMBLAGE DE COMPOSANTS SEPARABLES ET SYSTÈME DE FERMETURE DE RÉCIPIENT FORMÉ PAR CE PROCÉDE
- (71) **PORTOLA PACKAGING, INC.** [US/US]; 890 Faulstich Court, San Jose, CA 95112 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ADAMS, Brian** [US/US]; 35808 Argonne Street, Newark, CA 95460 (US). **LOHRMAN, Richard** [US/US]; 229 Ridge Road, North Aurora, IL 60542 (US).
- (74) **CHICKERING, Robert, B.** et al. / etc.; 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B65D 1/02

- (11) WO 2004/106173 (13) A1
- (21) PCT/EP2004/005003
- (22) 10 May/mai 2004 (10.05.2004)
- (25) en (26) en
- (30) 10/445,464 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRANSPARENT MULTILAYERED BOTTLE
• BOUTEILLE MULTICOUCHE TRANSPARENTE
- (71) **UNILEVER PLC** [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)
- (71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

- (72, 75) **GIBLIN, Edward, John** [US/US]; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). **PAULOVICH, John, Michael** [US/US]; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US).
- (74) **ELLIOTT, Peter** et al. / etc.; Unilever Intellectual Property Group, Colworth House, Sharnbrook, Bedford, MK44 1LQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 1/02, 41/34

- (11) WO 2004/106174 (13) A1
- (21) PCT/EP2004/050974
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) RM2003U000098 3 Jun/juin 2003 IT (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PLASTIC BOTTLE NECK
• GOULOT DE BOUTEILLE EN PLASTIQUE
- (71) **S.I.P.A. Società Industrializzazione Progettazione Automazione S.p.A.** [IT/IT]; Via Caduti del Lavoro 3, I-31029 Vittorio Veneto (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZOPPAS, Matteo** [IT/IT]; Via S. Pellico, 46, I-33074 Fontana Fredda (IT). **BARBARO, Paolo** [IT/IT]; Via Giovanni Comisso 2 - i 5, I-31050 Ponzano Veneto (IT).

(74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria 9, I-20122 Milan (IT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 1/02, 79/00

- (11) WO 2004/106175 (13) A1
 - (21) PCT/US2004/013341
 - (22) 30 Apr/avr 2004 (30.04.2004)
 - (25) en (26) en
 - (30) 10/445,104 23 May/mai 2003 US (23.05.2003)
 - (43) 9 Dec/déc 2004 (09.12.2004)
 - (54) • CONTAINER BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES
• STRUCTURE DE BASE D'UN CONTENANT, SENSIBLE A DES FORCES DE DEPRESSION
 - (71) **AMCOR LIMITED** [AU/AU]; 679 Victoria Street, Abbotsford, Victoria 3067 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **LISCH, G., David** [US/US]; 10010 White Tail Lane, Jackson, MI 49201 (US). **SILVERS, Kerry, W.** [US/US]; 6102 Green Street, Chelsea, MI 48118 (US). **VAILLIENCOURT, Dwayne, G.** [US/US]; 304 Riverbend, Manchester, MI 48158 (US).
 - (74) **ERJAVAC, Stanley, M.** et al. / etc.; Harness, Dickey & Pierce, PLC, P.O. Box 828, Bloomfield Hills, MI 48303 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ B65D 1/02

- (11) WO 2004/106176 (13) A2
- (21) PCT/US2004/016405
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 10/444,616 23 May/mai 2003 US (23.05.2003)

- c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo, 1040031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C01B 13/18, 13/32, C01G 31/00, 33/00, 49/00
- (11) WO 2004/106230 (13) A1
- (21) PCT/JP2004/007753
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-154410 30 May/mai 2003 JP (30.05.2003)
- (30) 2004-147898 18 May/mai 2004 JP (18.05.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR PRODUCING COMPOSITE OXIDE OF METAL
- PROCEDE POUR PRODUIRE UN OXYDE METALLIQUE COMPOSITE
- (71) JFE MINERAL COMPANY, LTD [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGINOBE, Hidetaka [JP/JP]; c/o JFE Mineral Company, Ltd., 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 1010032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C01B 13/32, 13/14, 33/12, C01G 23/053, 25/02
- (11) WO 2004/106231 (13) A1
- (21) PCT/JP2004/003570
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) ja (26) ja
- (30) 2003-153015 29 May/mai 2003 JP (29.05.2003)
- (30) 2004-004072 9 Jan/jan 2004 JP (09.01.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR PRODUCING NANOTUBE MATERIAL AND NANOTUBE MATERIAL
- PROCEDE DE PRODUCTION DE MATERIAU NANOTUBES ET MATERIAU NANOTUBES
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUANG, Jian-guo [CN/JP]; c/o Riken, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). KUNITAKE, Toyoki [JP/JP]; c/o Riken, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (n)
- Declaration / Déclaration :
(v) for all designations / pour toutes les désignations
-
- (51)⁷ C01B 17/22, H01B 1/06, H01M 10/36
- (11) WO 2004/106232 (13) A1
- (21) PCT/JP2004/007177
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-154071 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LITHIUM SULFIDE POWDER, METHOD FOR PRODUCING SAME AND INORGANIC SOLID ELECTROLYTE
- POWDRE DE SULFURE DE LITHIUM, PROCEDE DE PRODUCTION DE CELLE-CI ET ELECTROLYTE SOLIDE INORGANIQUE
- (71) NIPPON CHEMICAL INDUSTRIAL CO., LTD. [JP/JP]; 9-11-1, Kameido, Koto-ku, Tokyo 1368515 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAWAI, Hiroyuki [JP/JP]; 9-11-1, Kameido, Koto-ku, Tokyo 1368515 (JP). KINOSE, Yutaka [JP/JP]; 9-11-1, Kameido, Koto-ku, Tokyo 1368515 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C01B 31/02
- (11) WO 2004/106234 (13) A1
- (21) PCT/JP2004/001348

- (22) 9 Feb/fév 2004 (09.02.2004)
(25) ja (26) ja
(30) 2003-031508 7 Feb/fév 2003 JP
(07.02.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESS FOR PRODUCING MONO-LAYER CARBON NANOTUBE WITH UNIFORM DIAMETER
• PROCÉDE DE PRODUCTION D'UN NANOTUBE DE CARBONE MONO-COUCHE DE DIAMÈTRE UNIFORME
- (71) BUSSAN NANOTECH RESEARCH INSTITUTE INC. [JP/JP]; 2-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARUYAMA, Shigeo [JP/JP]; 4-33-8-407, Seijo, Setagaya-ku, Tokyo, 1570066 (JP). MIYAUCHI, Yuhei [JP/JP]; 8-7-32, Higashirinkan, Sagamihara-shi, Kanagawa, 2280811 (JP).
- (74) FUJIMOTO, Eisuke et al. / etc.; c/o Fujimoto Patent & Low Office, Room 317, Sanno Grand Building 3F, 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo, 1000014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C01B 33/152
(11) WO 2004/106235 (13) A1
(21) PCT/JP2004/007584
(22) 26 May/mai 2004 (26.05.2004)
(25) ja (26) ja
(30) 2003-152604 29 May/mai 2003 JP
(29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • DRY GEL COMPOUND BODY AND METHOD OF MANUFACTURING THE SAME
• CORPS DE COMPOSE DE GEL SEC ET SON PROCÉDE DE PRODUCTION
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HASHIDA, TakashiSUZUKI, Masa-aki
(74) OKUDA, Seiji; OKUDA & ASSOCIATES 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400038 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C01G 9/02, C08K 3/22
(11) WO 2004/106237 (13) A1
(21) PCT/EP2004/005795
(22) 28 May/mai 2004 (28.05.2004)
(25) de (26) de
(30) 10324305.4 30 May/mai 2003 DE
(30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • METHOD FOR THE PRODUCTION OF SPHERICAL ZINC OXIDE PARTICLES
• PROCÉDE POUR REALISER DES PARTICULES D'OXYDE DE ZINC SPHERIQUES
- (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARX, Thimo [DE/DE]; Staufferstr. 4, 41749 Viersen (DE). HYNEK, Bernd [AT/DE]; Weilersgrund 28, 50259 Pulheim (DE). WEGE, Volker [DE/DE]; Am Vogelbusch 24, 41470 Neuss (DE).
- (74) BAYER AKTIENGESELLSCHAFT; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C02F
(11) WO 2004/106238 (13) A2
(21) PCT/US2004/016290
(22) 24 May/mai 2004 (24.05.2004)
(25) en (26) en
(30) 60/473,601 27 May/mai 2003 US
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • METHOD FOR CONTROL OF AQUATIC VEGETATION
• PROCÉDE DE LUTTE CONTRE LA VEGETATION AQUATIQUE
- (71) FMC CORPORATION [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HASHMAN, Thomas, E. [US/US]; 1696 Waterglen Drive, West Chester, PA 19382 (US).
- (74) SHEEHAN, John, M. et al. / etc.; FMC Corporation, 1735 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C02F 1/02, 1/48
(11) WO 2004/106239 (13) A1
(21) PCT/JP2004/007371

- (51)⁷ C07C 5/31
(11) WO 2004/106270 (13) A1
(21) PCT/IN2003/000200
(22) 30 May/mai 2003 (30.05.2003)
(25) en (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CATALYTIC PROCESS FOR THE PREPARATION OF ISOLONGIFOLENE
• PROCESSUS CATALYTIQUE DESTINE A LA PREPARATION D'ISOLONGIFOLENE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) JASRA, Raksh, Vir; Central Salt and Marine Chemicals Research Institute, Bhavnagar 364 002, Gujarat (IN). TYAGI, Beena; Central Salt and Marine Chemicals Research Institute, Bhavnagar 364 002, Gujarat (IN). MISHRA, Manish, Kumar; Central Salt and Marine Chemicals Research Institute, Bhavnagar 364 002, Gujarat (IN).
- (74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash-II, New Delhi 110 048, Maharashtra (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 17/00
(11) WO 2004/106271 (13) A2
(21) PCT/US2004/016231
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 10/444,610 23 May/mai 2003 US (23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF MAKING HYDROFLUOROCARBONS
• PROCEDE DE FABRICATION D'HYDROFLUOROCARBONES
- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TUNG, Hsueh, Sung [US/US]; 16 Vassar Drive, Getzville, NY 14068 (US). COTTRELL, Stephen, A. [US/US]; 15142 Shenandoah Avenue, Baton Rouge, LA 70817 (US). MARKS, Chad, L. [US/US]; 14324 Brentwood Court, Gonzales, LA 70737 (US).
- (74) HOIRIIS, David et al. / etc.; Honeywell International INC., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 29/00
(11) WO 2004/106273 (13) A2
(21) PCT/GB2004/002303
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 0312477.3 30 May/mai 2003 GB (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESS FOR THE PRODUCTION OF CONFECTIONERY PRODUCTS
• PROCEDE DE PRODUCTION DE PRODUITS DE CONFISERIE
- (71) MARS INCORPORATED [US/US]; 6885 Elm Street, McLean, VA 22101-3883 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOHNSTON, Andrew, Gordon [GB/GB]; Masterfoods, Division of Mars Uk Ltd., Dundee Road, Slough SL1 4JX (GB). STANTON, Kevin, J. [US/US]; Masterfoods USA, 800 High St., Hackettstown, NJ 07840 (US). ANDREWS, Tami, L. [US/US]; Masterfoods USA, 800 High St., Hackettstown, NJ 07840 (US). YU, Yang [CN/CN]; Research & Development, Effem Foods (Beijing) Co. Ltd, Room 712 Qing An Mansion, N^o. 27 Xiao Yun Road, Chao Yang District, Beijing 100027 (CN).
- (74) MARLOW, Nicholas Simon; Reddie & Grose, 16 Theobalds Road, LONDON, WC1X 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 41/58, 43/303, 45/80, 47/198
(11) WO 2004/106274 (13) A1
(21) PCT/FR2004/001224
(22) 18 May/mai 2004 (18.05.2004)
(25) fr (26) fr
(30) 03/06168 22 May/mai 2003 FR (22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SEPARATION OF A DIACETAL OF GLYOXAL BY MEANS OF COUNTER-CURRENT LIQUID-LIQUID EXTRACTION
• SEPARATION D'UN DIACETAL DU GLYOXAL PAR EXTRACTION LIQUIDE-LIQUIDE A CONTRE -COURANT
- (71) CLARIANT (FRANCE) [FR/FR]; 70, avenue du Général de Gaulle, F-92800 Puteaux (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIMON, Olivier [FR/FR]; 2bis, rue des Saules, F-60660 Cires-Les-Mello (FR). BLEGER, François [FR/FR]; 3, rue Pierre Sautée, F-60350 Trosly Breuil (FR). SCHOUTEETEN, Alain [FR/FR]; 17, rue de Normandie, F-95460 Ezanville (FR).
- (74) SANTARELLI; 14, avenue de la Grande-Armée, Boite postale 237, F-75822 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- (54) • METHOD FOR PRODUCING ALKOXYLATED 2,5-DIHYDROFURAN OR TETRA-1,1,4,4-ALKOXYLATED BUT-2-ENE DERIVATIVES
- PROCEDE DE FABRICATION DE DERIVES 2,5-DIHYDROFURANE ALCOXYLES OU DE DERIVES TERMINAUX TETRA-1,1,4,4-ALCOXYLES BUT-2
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRIESBACH, Ulrich [DE/DE]; Bodelschwingweg 34, 68305 Mannheim (DE). QUAISER, Claudia [DE/DE]; Holzstr. 6, 82256 Fürstfeldbruck (DE). HERMELING, Dieter [DE/DE]; Am Wasserturm 19, 67459 Böhl-Iggelheim (DE). BOTTKER, Nils [DE/DE]; Werderstr. 12, 68165 Mannheim (DE). SCHUBERT, Markus [DE/DE]; Alwin-Mittasch-Platz 11, 67063 Ludwigshafen (DE). URTEL, Heiko [DE/DE]; Edistr. 22, 68535 Edingen-Neckarhausen (DE).
- (74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 307/88, A61K 31/365, 31/34, 35/78
- (11) WO 2004/106318 (13) A1
- (21) PCT/CN2004/000594
- (22) 3 Jun/juin 2004 (03.06.2004)
- (25) zh (26) zh
- (30) 03123994.3 3 Jun/juin 2003 CN (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THE EXTRACT METHOD OF CIS-LIGUSTILIDE AND THE PHARMACEUTICAL USE OF THE SAME
- PROCEDE D'EXTRACTION DE CIS-LIGUSTILIDE ET UTILISATION PHARMACEUTIQUE ASSOCIEE
- (71) YANG, Xifeng [CN/CN]; Room 318, Jianye Yuan, 7th Yard, Songyu North Road, Chaoyang District, Beijing 100021 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIU, Jun [CN/CN]; N^o 8, East Street, Fengtai District, Beijing 100071 (CN). WEI, Yuping [CN/CN]; N^o 8, East Street, Fengtai District, Beijing 100071 (CN). WANG, Yongfu [CN/CN]; N^o 8, East Street, Fengtai District, Beijing 100071 (CN). DENG, Yingjie [CN/CN]; N^o 8, East Street, Fengtai District, Beijing 100071 (CN).
- (74) LUNG TIN INTERNATIONAL INTELLECTUAL PROPERTY AGENT LTD.; 18th Floor, Tower B, Grand Place, No. 5 Huizhong Road, Chaoyang District, Beijing 100101 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 309/14, A61K 31/351
- (11) WO 2004/106319 (13) A1
- (21) PCT/IB2004/001799
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 60/475,135 30 May/mai 2003 US (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CRYSTAL FORMS OF 4-[4-(4-FLUOROPHENOXO)BENZENESULFONYLAMINO]-TETRAHYDROPYRAN-4-CARBOXYLIC ACID HYDROXYAMIDE
- FORMES CRISTALLINES D'HYDROXYAMIDE DE L'ACIDE 4-[4-(4-FLUOROPHENOXO)BENZENESULFONYLAMINO]-TETRAHYDROPYRAN-4-CARBOXYLIQUE
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EWING, Marcus, Douglas [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). LI, Zheng, Jane [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). REITER, Lawrence, Alan [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). TICKNER, Derek, Lawrence [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) FULLER, Grover, F., Jr. et al. / etc.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 309/30, C07M 7/00
- (11) WO 2004/106320 (13) A1
- (21) PCT/JP2004/006919
- (22) 14 May/mai 2004 (14.05.2004)
- (25) ja (26) ja
- (30) 2003-151241 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESS FOR PRODUCING OPTICALLY ACTIVE LACTONE
- PROCEDE DE PRODUCTION DE LACTONE ACTIVE PLAN OPTIQUE
- (71) ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) ENDO, Masahiro [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008323 (JP). NAKANO, Yasuyuki [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008323 (JP). YAMADA, Toshiro [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008323 (JP).
- (74) UCHIYAMA, Mitsuru; TSI Sudacho Building 8F, 4-1, Kandasudacho 1-chome, Chiyoda-ku, Tokyo, 1010041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 333/32, 409/12, A61K 31/38, A61P 1/00, 7/10, 11/06, 17/00, 19/02, 25/28, 29/00, 35/00
- (11) WO 2004/106321 (13) A1
- (21) PCT/CN2004/000338
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) zh (26) zh
- (30) 03141274.2 3 Jun/juin 2003 CN (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • 4-ARYL-5H-THIOPHENE-2-ONE DERIVATIVES AND ITS PREPARATION AND USE
• DERIVES DE 4-ARYL-5H-THIOPHENE-2-ONE, AINSI QUE LEUR PREPARATION ET UTILISATION
- (71, 72) LI, Xiaohu [US/CN]; Room 2034, No.18-Dingxiang Apartment, Lane 800, Suashan Road, Shanghai 200050 (CN). SHENG, Xiaoning, C. [US/US]; 107 York Drive, Princeton, NJ 08540 (US).
- (74) SHANGHAI PATENT & TRADEMARK LAW OFFICE; XU, Xun, 435 Guiping Road, Shanghai 200233 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ C07D 401/12, 413/12, 417/12, A61K 31/496, A61P 9/10, 3/06, 43/00, C07B 61/00
- (11) WO 2004/106323 (13) A1
- (21) PCT/JP2004/007258
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-150971 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR PRODUCING CYCLIC DIAMINE DERIVATIVE OR SALT THEREOF
• PROCEDE DE PRODUCTION D'UN DERIVE DE DIAMINE CYCLIQUE OU D'UN SEL DE CELUI-CI
- (71) KOWA CO., LTD. [JP/JP]; 6-29, NISHIKI 3-CHOME, NAKA-KU, NAGOYA-SHI, Aichi 4608625 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIBUYA, Kimiyuki [JP/JP]; 729-1-403, OZAKAMIARAI, TOKO-ROZAWA-SHI, Saitama 3591142 (JP). OHGIYA, Tadaaki [JP/JP]; 2-23-36-408, MIYAMOTOCHO, TOKOROZAWA-SHI, Saitama 3591143 (JP). MIURA, Toru [JP/JP]; 2-17-43-408, NOGUCHIHO, HIGASHIMURAYAMA-SHI, Tokyo 1890022 (JP).
- (74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; KYODO BLD., 3-6, NIHONBASHINGYOCHO 1-CHOME, CHUO-KU, Tokyo 1030013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 401/12, 231/14, 403/12, A01N 43/56, C07D 277/56, 231/06, 249/04
- (11) WO 2004/106324 (13) A1
- (21) PCT/US2004/010711
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 60/473,866 27 May/mai 2003 US (27.05.2003)
- (30) PCT/US03/32965 15 Oct/oct 2003 US (15.10.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AZOLECARBOXAMIDE HERBICIDES
• HERBICIDES A BASE D'AZOLECARBOXAMIDE
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 MARKET STREET, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAN, Dominic, Ming-Tak [US/US]; 4655 Dartmoor Drive, Wilmington, DE 19803 (US). KAMIREDDY, Balreddy [US/US]; 204 Golding Court, Hockessin, DE 19707 (US). KIM, Hyeong, Baik [US/US]; 10 Fir Court, Newark, DE 19711 (US).

- DERIVES HARMINIQUES, INTERMEDIAIRES UTILISES POUR LEUR ELABORATION, PROCEDES D'ELABORATION, ET UTILISATION DE CES DERIVES
- (71) XINJIANG HUASHIDAN PHARMACEUTICAL RESEARCH CO., LTD [CN/CN]; No. 45 Henan East Road, Wulumuqi City, Xinjiang 830011 (CN). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WU, Jialin [CN/CN]; Huashidan Pharmaceutical Corporation, No. 45 Henan East Road, Wulumuqi City, Xinjiang 830011 (CN). CHEN, Qi [CN/CN]; School of Life Science, Sun Yat-Sen University, No. 135, Xingang West Road, Guangzhou, Guangdong 510275 (CN). CAO, Rihui [CN/CN]; School of Life Science, Sun Yat-Sen University, No. 135, Xingang West Road, Guangzhou, Guangdong 510275 (CN). YU, Fusheng [CN/CN]; Huashidan Pharmaceutical Research CD., LTD, No. 45 Henan East Road, Wulumuqi City, Xinjiang 830011 (CN). WANG, Zihou [CN/CN]; Room 603, Unit 3, Building 9, No. 2 Nanwei Road, Xuanwu District, Beijing 100050 (CN). PENG, Wenlie [CN/CN]; School of Life Science, Sun Yat-Sen University, No. 135, Xingang West Road, Guangzhou, Guangdong 510275 (CN).
- (74) CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 473/06
- (11) WO 2004/106337 (13) A1
- (21) PCT/US2003/014085
- (22) 6 May/mai 2003 (06.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • XANTHINE DERIVATIVES AS A2B ADENOSINE RECEPTOR ANTAGONISTS
- DERIVES DE XANTHINE SERVANT D'ANTAGONISTES DU RECEPTEUR DE L'ADENOSINE A2B
- (71) CV THERAPEUTICS, INC. [US/US]; 3172 Porter Drive, Palo Alto, CA 94304 (US).
- (72) KALLA, Rao; 541 Del Medio Avenue, #224, Mountain View, CA 94040 (US). PERRY, Thao; 4851 Via de Caballe, San Jose, CA 95118 (US). ELZEIN, Elfatih; 4644 Creekswood Drive, Fremont, CA 94555 (US). VARKHEDKAR, Vaibhav; 7655 Palmilla Drive, San Diego, CA 92122 (US). LI, Xiaofen; 3860 Park Blvd., #3B, Palo Alto, CA 94306 (US). IBRAHIM, Prabha; 3380 Lubich Drive, Mountain View, CA 94040 (US). PALLE, Venkata; D-011, Oakwood Estates, Akash Neem Marg, DLF - Phase II, 122001 Gurgaon (IN). XIAO, Dengming; 1911 Glenarbor Way, Longmont, CO 80501 (US). ZABLOCKI, Jeff; 580 Sleeper Avenue, Mountain View, CA 94040 (US).
- (74) CLARKE, Pauline et al. / etc.; CV Therapeutics, Inc., 3172 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 473/18, A61K 31/52
- (11) WO 2004/106338 (13) A1
- (21) PCT/TR2003/000048
- (22) 30 May/mai 2003 (30.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NOVEL CRYSTALLINE FORMS OF VALACYCLOVIR HYDROCHLORIDE
- NOUVELLES FORMES CRISTALLINES DE CHLORHYDRATE DE VALACYCLOVIR
- (71) EOS ECZACIBASI OZGUN KIMYASAL URUNLER SANAYI VE TICARET A.S. [TR/TR]; Buyukdere Caddesi, Ali Kaya Sokak, N°7, Levent 34394 Istanbul (TR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ASLAN, Tuncer [TR/TR]; Buyukdere Caddesi Ai Kaya Sokak No. 7., Levent 34394 Istanbul (TR). OZARSLAN, A., Evren [TR/TR]; Buyukdere Caddesi, Ali Kaya Sokak No. 7, Levent, 34394 Istanbul (TR). SAHPAZ, Filiz [TR/TR]; Buyukdere Caddesi, Ali Kaya Sokak No. 7, Levent, 34394 Istanbul (TR). ULUOZYURT, N., Sait [TR/TR]; Buyukdere Caddesi, Ali Kaya Sokak No. 7, Levent, 34394 Istanbul (TR). ARSLAN, Nihat [TR/TR]; Buyukdere Caddesi, Ali Kaya Sokak No. 7, Levent, 34394 Istanbul (TR).
- (74) SEVINC, Erkan; ISTANBUL PATENT & TRADEMARK CONSULTANCY LTD., Buyukdere Cad. No:26/16, Mecidiyeköy, 80290 Istanbul (TR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 471/04
- (11) WO 2004/106336 (13) A1
- (21) PCT/IB2004/001681
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 60/473,823 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESS FOR THE PREPARATION AND PURIFICATION OF 1,5-NAPHTHYRIDINE-3-CARBOXYAMIDES
- PROCEDE DE PREPARATION ET DE PURIFICATION DE 1,5-NAPHTHYRIDINE-3-CARBOXYAMIDES
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOURASSA, Dennis, Ernest [US/US]; Pfizer Global Research and Development,

Published / Publiée : (b)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- COMPOSE (1S,5S)-3-(5,6-DI-CHLORO-3-PYRIDINYL)-3,6-DIAZABICYCLO[3.2.0]HEPTANE UTILISE COMME AGENT ANALGESIQUE EFFICACE
- (71) **ABBOTT LABORATORIES** [US/US]; Dept. 377 Bldg. AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUCKLEY, Michael, J.** [US/US]; 35094 N. Wilson Road, Ingleside, IL 60041 (US). **JI, Jianguo** [US/US]; 1973 Sparrow Court, Libertyville, IL 60048 (US).
- (74) **CHEN, Portia et al. / etc.**; Abbott Laboratories, Dept. 377 Bldg. AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ C07D 487/14, A61K 31/4985, A61P 35/00
- (11) **WO 2004/106343** (13) A2
- (21) PCT/GB2004/002306
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) en (26) en
- (30) 0312429.4 **30 May/mai 2003 GB (30.05.2003)**
- (30) 0324639.4 **22 Oct/oct 2003 GB (22.10.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MOLECULES AND ANALOGUES OF THE AGELASTATIN FAMILY OF ANTI-TUMOUR AND GSK-3 β -INHIBITING ALKALOIDS
- MOLECULES ET ANALOGUES DE LA FAMILLE AGELASTATINE D'ALKALOÏDES ANTITUMORAUX ET INHIBITEURS DE GSK-3 β
- (71) **UFC LIMITED** [GB/GB]; Synergy House, Guildhall Close, Manchester Science Park, Manchester M15 6SY (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HALE, Karl, J.** [GB/GB]; 19 Canons Drive, Edgware, Middlesex HA8 7RB (GB). **DOMOSTOJ, Mathias, M.** [FR/FR]; 4 Place de Lattre de Tassigny, F-68000 Colmar (FR). **IRVING, Edward** [GB/GB]; UFC Limited, Synergy House, Guildhall Close, Manchester Science Park, Manchester M15 6SY (GB). **SCHEINMANN, Feodor** [GB/GB]; UFC Limited, Synergy House, Guildhall Close, Manchester Science Park, Manchester M15 6SY (GB).

- (74) **QUEST, Barry et al. / etc.**; Wilson Gunn M'Caw, 5Th Floor, Blackfriars House, The Parsonage, Manchester M3 2JA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 495/00

- (11) **WO 2004/106344** (13) A2
- (21) PCT/IN2004/000112
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 413/MUM/2003 **25 Apr/avr 2003 IN (25.04.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SALTS OF CLOPIDOGREL AND PROCESS FOR PREPARATION
- SELS DE CLOPIDOGREL ET PROCEDE DE PREPARATION
- (71) **CADILA HEALTHCARE LIMITED** [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOHRAY, Braj, Bhushan** [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). **LOHRAY, Vidya, Bhushan** [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). **DAVE, Mayank, Ghanshyambhai** [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN).

- (74) **SUBRAMANIAM, Hariharan et al. / etc.**; Subramaniam, Nataraj & Associates, E-556, Greater Kailash-II, New Delhi 110 048, Maharashtra (IN).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07D 495/00

- (11) **WO 2004/106345** (13) A2
- (21) PCT/US2003/024802
- (22) **27 Aug/août 2003 (27.08.2003)**
- (25) en (26) en
- (30) 60/408,067 **4 Sep/sep 2002 US (04.09.2002)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HETEROARYL-ETHANOLAMINE DERIVATIVES AS ANTIVIRAL AGENTS
- DERIVES D'ARYL-ETHANOLAMINE, AGENTS ANTIVIRAUX

- (71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SCHNUTE, Mark, E.** [US/US]; 4459 Wimpleton Way, Kalamazoo, MI 49009 (US). **CUDAHY, Michele, M.** [US/US]; 671 West Bridge Street, Plainwell, MI 49080 (US). **EGGEN, MariJean** [US/US]; 10220 Shuman Street, Portage, MI 49024 (US). **ANDERSON, David, J.** [US/US]; 3809 Middlebury Drive, Kalamazoo, MI 49006 (US). **JUDGE, Thomas, M.** [US/US]; 1976 - 112th Avenue, Otsego, MI 49078 (US). **KIM, Euihong, J.** [US/US]; 8407 Keenan Street, Kalamazoo, MI 49009 (US). **COLLIER, Sarah, A.** [US/US]; 3739 Greenleaf Circle, Kalamazoo, MI 49008 (US).

- (74) **YANG, Lucy, X.**; Global Intellectual Property, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 498/04, 491/04, A61K 31/5383, 31/436, 31/4355, A61P 25/18 // (C07D 498/04, 265:00, 221:00) (C07D 491/04, 319:00, 221:00), 491/04

- (11) **WO 2004/106346** (13) A1
- (21) PCT/EP2004/050922

- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) PCT/EP03/05789 30 May/mai 2003 EP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INDOLE DERIVATIVES WITH AN IMPROVED ANTIPSYCHOTIC ACTIVITY
• DERIVES D'INDOLE AVEC ACTIVITE ANTIPSYCHOTIQUE AMELIOREE
- (71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARTOLOMÉ-NEBREDÁ, José, Manuel [ES/ES]; c/o Janssen Cilag S.A., Edificio Johnson & Johnson, Pasco de las Doce Estrellas 5-7, Campo de las Naciones, E-28042 Madrid (ES). ANDRÉS-GIL, José, Ignacio [ES/ES]; c/o Janssen Cilag S.A., Edificio Johnson & Johnson, Pasco de las Doce Estrellas 5-7, Campo de las Naciones, E-28042 Madrid (ES).
- (74) JANSSEN PHARMACEUTICA N.V.; Turnhoutseweg 30, B-2340 Beerse (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 501/00
- (11) WO 2004/106347 (13) A1
- (21) PCT/NL2004/000367
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 03076636.4 28 May/mai 2003 EP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CEPHEM COMPOUND
• COMPOSE DE CEPHEM
- (71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN DEN BERG, Marco, Alexander [NL/NL]; Voorstraat 31B, NL-2685 EH Poeldijk (NL). BOVENBERG, Roelof, Ary, Lans [NL/NL]; Kralingse Plaslaan 10, NL-3062 DA Rotterdam (NL). RAAMS-DONK, Lourina, Madeleine, Leonie [NL/NL]; Knobelzwaansingel 15, NL-2496 LN Den Haag (NL). SUTHERLAND, John, David [GB/GB]; 7 Newstead Close, Poynton, Cheshire SK12 1ES (GB). DE VROOM, Erik [NL/NL]; De Meij van Streefkerkstraat 65, NL-2313 JM Leiden (NL). VOLLINGA, Roeland, Christiaan, Roel [NL/NL]; Weidbloemenlaan 153, NL-3448 HC Woerden (NL).
- (74) BREEPOEL, Peter, Maria; Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07D 513/04, A61K 31/429, 31/5377, A61P 9/10, 25/00, 25/04, 25/06, 25/08, 25/16, 25/28, 43/00, 25/22
- (11) WO 2004/106348 (13) A1
- (21) PCT/JP2004/007655
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-150430 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AMINOMETHYL-SUBSTITUTED FLUOROTHIAZOLOBENZIMIDAZOLE DERIVATIVE
• DERIVES DE FLUOROTHIAZOLOBENZIMIDAZOLE A SUBSTITUTION AMINOMETHYLE
- (71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 1038411 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ITAHANA, Hirotsune [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 1748612 (JP). FUJIYASU, Jiro [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 3058585 (JP). WATANABE, Toshihiro [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 3058585 (JP). TOYA, Takashi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 1748612 (JP).
- (74) MORITA, Hiroshi et al. / etc.; c/o Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 1748612 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07F 9/02, 9/38
- (11) WO 2004/106349 (13) A1
- (21) PCT/US2004/016431
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/473,870 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FUEL CELL MEMBRANE CONTAINING ZIRCONIUM PHOSPHATE
• MEMBRANE DE PILE A COMBUSTIBLE
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, Delaware 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YANG, Zhen-Yu [CN/US]; 177 Thompson Drive, Hockessin, Delaware 19707 (US).
- (74) FICKES, Daphne, P.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07F 9/6561, 9/6558, 9/6518, 9/6521, 9/6512, 9/58, A61K 31/675, A61P 31/14, 31/16
- (11) WO 2004/106350 (13) A1
- (21) PCT/US2003/015169
- (22) 14 May/mai 2003 (14.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NUCLEOSIDE ANALOGS AS VIRAL POLYMERASE INHIBITORS
• ANALOGUES DE NUCLEOSIDES UTILISES COMME INHIBITEURS DE L'ARN-POLYMERASE VIRALE
- (71) BIOCRYST PHARMACEUTICAL, INC. [US/US]; 2190 Parkway Lake Drive, Birmingham, AL 3244 (US).
(for all designated States except / pour tous les États désignés sauf US)

- COTTON, Graham** [GB/GB]; 19/5 Harden Place, Edinburgh EH11 1EH (GB). **RAM-AGE, Robert** [GB/GB]; 26 Craigleith View, Edinburgh EH4 3JZ (GB).
- (74) **MURGITROYD & COMPANY**; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 5/09, 7/06, 7/08, 14/16, A61K 38/16, A61P 31/18
- (11) WO 2004/106364 (13) A1
- (21) PCT/US2004/007476
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) en (26) en
- (30) Not furnished / 23 May/mai 2003 US
non communiqué (23.05.2003)
- (30) 60/492,704 5 Aug/août 2003 US
(05.08.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • STABILIZING PEPTIDES AND THEIR USE IN THE PREPARATION OF STABILIZED HIV INHIBITORS
- PEPTIDES STABILISANTS ET LEURS UTILISATION DANS LA PREPARATION DES INHIBITEURS POUR STABILISER LE VIH
- (71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LU, Min** [US/US]; 400 East 70th Street Apartment 2402, New York, NY 10021 (US).
- (74) **STEFFEY, Charles, E. et al. / etc.**; Schwegman, Lundberg, Woessner & Kluth P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 7/56, 1/04, 16/20, A61K 38/12, 39/015
- (11) WO 2004/106366 (13) A1
- (21) PCT/EP2004/005952
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) en (26) en
- (30) 03012520.7 2 Jun/juin 2003 EP
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHODS FOR SYNTHESIZING CONFORMATIONALLY CONSTRAINED PEPTIDES, PEPTIDOMETICS AND THE USE THEREOF AS SYNTHETIC VACCINES
- PROCEDES DE SYNTHÈSE DE PEPTIDES A CONTRAINTE CONFORMATIONNELLE, PEPTIDOMIMÉTIQUES ASSOCIÉS ET LEUR UTILISATION EN TANT QUE VACCINS DE SYNTHÈSE
- (71) **PEVION BIOTECH LTD.** [CH/CH]; Rethagstrasse 79, CH-3018 Bern (CH).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SWISS TROPICAL INSTITUTE** [CH/CH]; Socinstrasse 57, CH-4002 Basel (CH). **UNIVERSITÄT ZÜRICH** [CH/CH]; Winterthurerstrasse 190, CH-8092 Zürich (CH). **PLUSCHKE, Gerd** [DE/DE]; Im Vogelsang 3, 79189 Bad Kronzing (DE). **KIENZL, Ursula** [CH/CH]; Affolternstr. 146, CH-8050 Zürich (CH). **ROBINSON, John** [CH/CH]; Tobelstr. 24, CH-8615 Wermatswil (CH). **ZURBRIGGEN, Rinaldo** [CH/CH]; Rainstrasse 40, CH-3185 Schmiten (CH).
- (74) **NOBBE, Matthias**; Viering, Jentschura & Partner, Centroallee 263, 46047 Oberhausen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/315, C12Q 1/68, C12N 15/31, G01N 33/569
- (11) WO 2004/106367 (13) A2
- (21) PCT/EP2004/005664
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 03450137.9 30 May/mai 2003 EP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ENTEROCOCCUS ANTIGENS
- ANTIGÈNES D'ENTEROCOCCUS
- (71) **INTERCELL AG** [AT/AT]; Campus Vienna Biocenter 6, A-1030 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEINKE, Andreas** [DE/AT]; Piette-gasse 26/1, A-3013 Pressbaum (AT). **NAGY, Eszter** [HU/AT]; Taborstrasse 9, A-1020 Wien (AT). **HANNER, Markus** [AT/AT]; Jaquingasse 5/6, A-1030 Vienna (AT). **GELBMANN, Dieter** [AT/AT]; Ungergasse 5, A-7163 Andau (AT).
- (74) **SONN & PARTNER PATENTANWALTE**; Riemergasse 14, A-1010 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

- Agricultural Centre, Puddle Alley, Mosgiel (NZ).
- (74) WILSON, Kathryn, S. et al. / etc.; Level 3, Spicer Building, 329 Durham Street, P.O. Box 2201, Christchurch (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/505, 17/00, A61K 38/17, 39/00
- (11) WO 2004/106373 (13) A1
- (21) PCT/US2003/015750
- (22) 20 May/mai 2003 (20.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ERYTHROPOIETIN CONJUGATE COMPOUNDS WITH EXTENDED HALF-LIVES
- COMPOSES CONJUGUES D'ERYTHROPOIETINE A DEMI-VIES RALLONGEES
- (71) CENTOCOR, INC. [US/US]; 200 Great Valley Parkway, Malvern, PA 19355 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HEAVNER, George [US/US]; 6 Oak Glen Drive, Malvern, PA 19355 (US).
- (74) DOW, Kenneth, J.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C07K 14/705, 14/72, C12Q 1/68, G06F 3/13, 15/00, C07H 21/04, 21/02, A01N 63/00
- (11) WO 2004/106374 (13) A1
- (21) PCT/AU2004/000713
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 2003902621 27 May/mai 2003 AU (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ECDYSONE RECEPTOR LIGAND-BINDING DOMAIN STRUCTURE
- STRUCTURE A DOMAINES DE LIAISON DE LIGANDS DE RECEPTEURS D'ECDYSONE
- (71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LAWRENCE, Michael, C. [AU/AU]; 79 Schutt Street, Newport, Victoria 3015 (AU). PILLING, Patricia [AU/AU]; 4/117 Rushall Crescent, North Fitzroy, Victoria 3068 (AU). LOVREZ, George, O. [AU/AU]; 2 Tovey Street, North Balwyn, Victoria 3104 (AU). EPA, Vidana, C. [AU/AU]; 1 Emma Court, Coburg, Victoria 3058 (AU). CARMICHAEL, Jennifer, A. [AU/AU]; 15 Piera Street, East Brunswick, Victoria 3057 (AU). NOYCE, Leonie [AU/AU]; 18 Marrickville Avenue, Marrickville, New South Wales 2204 (AU). GRAHAM, Lloyd [AU/AU]; Unit 12, 5 Lachlan Avenue, North Ryde, New South Wales 2113 (AU). HANNAN, Garry, N. [AU/AU]; 32 Earl Street, Hunters Hill, New South Wales 2110 (AU). WINKLER, David [AU/AU]; 6 Cedar Grove, Belgrave, Victoria 3160 (AU). HILL, Ronald, J. [AU/AU]; 17 Altona Avenue, Forestville, New South Wales 2087 (AU).
- (74) BLAKE DAWSON WALDRON PATENT SERVICES; Level 39, 101 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 16/00, 16/10, C12N 5/10
- (11) WO 2004/106375 (13) A1
- (21) PCT/NL2004/000386
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 03076671.1 30 May/mai 2003 EP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FAB LIBRARY FOR THE PREPARATION OF ANTI VEGF AND ANTI RABIES VIRUS FABS
- BANQUE DE FAB POUR LA PREPARATION DE FAB ANTI-VEGF ET ANTI-RABIQUE
- (71) MERUS BIOPHARMACEUTICALS B.V. I.O. [NL/NL]; Jachtrustlaan 1, NL-3985 MK Werkhoven (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOOGENBOOM, Hendricus, Renerus, Jacobus, Mattheus [NL/NL]; Hertogsingel 46, NL-6214 AE Maastricht (NL). LOGTENBERG, Ton [NL/NL]; Koningin Wilhelminalaan 22, NL-3972 EX Driebergen (NL).
- (74) WINCKELS, J.H.F.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07K 16/08, 16/12, 16/14, 16/16, 16/18, A61P 31/00
- (11) WO 2004/106376 (13) A1
- (21) PCT/GB2004/002351
- (22) 3 Jun/juin 2004 (03.06.2004)
- (25) en (26) en
- (30) 0312642.2 3 Jun/juin 2003 GB (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOSITIONS COMPRISING LARGE AND SMALL BINDING FRAGMENTS OF ANTIBODIES AGAINST THE SAME TOXIN
- COMPOSITIONS COMPRENANT DE GRANDS ET DE PETITS FRAGMENTS DE LIAISON D'ANTICORPS DIRIGES CONTRE LA MEME TOXINE
- (71) THE SECRETARY OF STATE FOR DEFENCE [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOLLEY, Jane, Louise [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). MAYERS, Carl, Nicholas [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). WHITFIELD, David [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). BROOKS, Timothy, John, Gilby [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).
- (74) BECKHAM, Robert, William; D/IPR Formalities Section, Poplar 2, MOD Abbey Wood#2218, Bristol BS34 8JH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)
- (t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
-
- (51)⁷ C08F 253/00
- (11) WO 2004/106397 (13) A1
- (21) PCT/JP2004/008014
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) en (26) en
- (30) 2003-156533 2 Jun/juin 2003 JP
(02.06.2003)
- (30) 2003-156545 2 Jun/juin 2003 JP
(02.06.2003)
- (30) 2003-156579 2 Jun/juin 2003 JP
(02.06.2003)
- (30) 2003-156588 2 Jun/juin 2003 JP
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MODIFIED NATURAL RUBBER OR
MODIFIED NATURAL RUBBER LA-
TEX, AND RUBBER COMPOSITION
AND PNEUMATIC TIRE
- CAOUTCHOUC NATUREL MODIFIÉ
OU LATEX DE CAOUTCHOUC NA-
TUREL MODIFIÉ, COMPOSITION A
BASE DE CAOUTCHOUC ET PNEU-
MATIQUE
- (71) BRIDGESTONE CORPORATION
[JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku,
Tokyo, 1048340 (JP).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) KONDO, Hajime [JP/JP]; c/o BRIDGE-
STONE CORPORATION, Technical Center,
3-1-1, Ogawahigashi-cho, Kodaira-shi,
Tokyo, 1878531 (JP).
- (74) SUGIMURA, Kosaku; Kazan Building
3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo,
1000013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C08F 297/02
- (11) WO 2004/106398 (13) A1
- (21) PCT/JP2004/007635
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-155264 30 May/mai 2003 JP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESS FOR PRODUCING POLY-
MER
- PROCEDE DE PRODUCTION D'UN POLY-
MERE
- (71) NIPPON SODA CO., LTD. [JP/JP]; 2-1,
Ohtemachi 2-chome, Chiyoda-ku, Tokyo
1008165 (JP).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) YAMAGUCHI, Shoji [JP/JP]; c/o R &
D Laboratory for High-Performance Mate-
rials, Nippon Soda Co., Ltd., 12-54, Goim-
inamikaigan, Ichihara-shi, Chiba 2900045
(JP). KUBO, Hideo [JP/JP]; c/o R & D Labo-
ratory for High-Performance Materials, Nip-
pon Soda Co., Ltd., 12-54, Goiminamikaigan,
Ichihara-shi, Chiba 2900045 (JP).
- (74) MATSUHASHI, Yasusuke; c/o Nippon
Soda Co., Ltd., 2-1, Ohtemachi 2-chome,
Chiyoda-ku, Tokyo 1008165 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C08G 18/62, C08L 101/10, 71/02, C09J
201/00, C09K 3/10, F16K 15/14 // C09J
175/00
- (11) WO 2004/106400 (13) A1
- (21) PCT/JP2004/007157
- (22) 19 May/mai 2004 (19.05.2004)
- (25) ja (26) ja
- (30) 2003-153299 29 May/mai 2003 JP
(29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CURING COMPOSITION
- COMPOSITION DE DURCISSEMENT
- (71) KANEKA CORPORATION [JP/JP]; 2-4,
Nakanoshima 3-chome, Kita-ku, Osaka-shi,
Osaka 5308288 (JP).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) HASEGAWA, Nobuhiro [JP/JP]; Osa-
ka-Factory, Kaneka Corporation, 5-1-1,
Torikainishi, Settsu-shi, Osaka 5660072
(JP). NAKAGAWA, Yoshiki [JP/JP]; Osa-
ka-Factory, Kaneka Corporation, 5-1-1,
Torikainishi, Settsu-shi, Osaka 5660072 (JP).
- (74) KANEKA CORPORATION; 2-4,
Nakanoshima 3-chome, Kita-ku, Osaka-shi,
Osaka 5308288 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
- (63) 03076675.2 30 May/mai 2003 EP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESS FOR MAKING A COUPLED
BLOCK COPOLYMER COMPOSITION
AND THE RESULTING COMPOSITION
- PROCEDE DE PRODUCTION D'UNE
COMPOSITION DE COPOLYMERE
BLOC COUPLE ET COMPOSITION
RESULTANTE
- (71) KRATON Polymers Research B.V.
[NL/NL]; Badhuisweg 3, NL-1031 CM
AMSTERDAM (NL).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) VAN DER HUIZEN, Adrie A.
[NL/NL]; KRATON Polymers Research B.V.,
Badhuisweg 3, NL-1031 CM AMSTERDAM
(NL). HAGEMAN, Mark [NL/NL]; KRA-
TON Polymers Research B.V., Badhuisweg
3, NL-1031 CM AMSTERDAM (NL).
- (74) KORTEKAAS, Marcel; KRATON Poly-
mers Research B.V., Intellectual Property
Services, P.O. Box 37666, NL-1030 BH
AMSTERDAM (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ C08F 297/04, C08L 53/02
- (11) WO 2004/106399 (13) A2
- (21) PCT/EP2004/050714
- (22) 5 May/mai 2004 (05.05.2004)
- (25) en (26) en
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ITO, Toru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) HIROTA, Koichi; HIROTA, NAGARE & ASSOCIATES, Shin-Yoyogi Bldg. 206, 19-12, Yoyogi 1-chome, Shibuya-ku, Tokyo 151-0053 (JP).
- (81) JP KR US.
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- (51)⁷ C08G 63/183, 63/90, F21V 7/00, G02B 5/08, C08K 5/00, C08G 63/80, 63/88
- (11) WO 2004/106405 (13) A1
- (21) PCT/NL2004/000383
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 03076637.2 28 May/mai 2003 EP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POLYESTER COMPOSITION COMPRISING POLYBUTYLENE TEREPHTHALATE RESIN
- COMPOSITION DE POLYESTER COMPRENANT UNE RESINE DE POLYBUTYLENE TEREPHTHALATE
- (71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEEMANS, Luc, Elza, Florent [BE/BE]; Kapelstraat 78, B-3720 Kortesseem (BE). GABRIELSE, Wouter [NL/NL]; Gaffellaan 33, NL-6225 KK Maastricht (NL). WERUMEUS BUNING, Gerard, Hidde [NL/NL]; Pastoor Meulenbergsstraat 20, NL-6438 HZ Oirsbeek (NL). COENEN, Eric, Joannes, Hubertus, Elisabeth [NL/NL]; Kleinstraat 8, NL-6325 CW Berg en Terblijt (NL). NELISSEN, Hendrikus, Leonardus [NL/NL]; Trichterweg 1, NL-6118 AR Nieuwstadt (NL). HEYN-DERICKX, Robert, Alexander [BE/NL]; Maastrichter Grachtstraat 28c, NL-6211 BG Maastricht (NL).
- (74) MOOIJ, Johannes, Jacobus; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106407 (13) A1
- (21) PCT/EP2004/005927
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) de (26) de
- (30) 103 25 264.9 3 Jun/juin 2003 DE (03.06.2003)
- (30) 103 39 184.3 26 Aug/août 2003 DE (26.08.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HIGHLY PURE POLYALKYLENE GLYCOLS AND PRODUCTION METHOD THEREOF
- (25) ja (26) ja
- (30) 2003-152783 29 May/mai 2003 JP (29.05.2003)
- (30) 2003-290326 8 Aug/août 2003 JP (08.08.2003)
- (30) 2003-398743 28 Nov/nov 2003 JP (28.11.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CATALYST FOR POLYCARBONATE PRODUCTION AND PROCESS FOR PRODUCING POLYCARBONATE
- CATALYSEUR POUR LA PRODUCTION DE POLYCARBONATE ET PROCEDE DE PRODUCTION DE POLYCARBONATE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigasaki 1-chome, Chiyoda-ku, Tokyo 1008921 (JP). IDEMITSU PETROCHEMICAL CO., LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 1300015 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OKAMOTO, Masaya [JP/JP]; c/o TSUKUBA CENTER NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 1-1-1, Higashi, Tsukuba-shi, Ibaraki 3058565 (JP). SUGIYAMA, Jun-ichi [JP/JP]; c/o TSUKUBA CENTER NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 1-1-1, Higashi, Tsukuba-shi, Ibaraki 3058565 (JP). UEDA, Mitsuru [JP/JP]; 2-12-1, ookayama, Meguro-ku, Tokyo 1520033 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; Bridgestone Toranomon Bldg. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 65/30
- (11) WO 2004/106408 (13) A1
- (21) PCT/EP2004/006011
- (22) 3 Jun/juin 2004 (03.06.2004)
- (25) de (26) de
- (30) 103 24 998.2 3 Jun/juin 2003 DE (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PRODUCTION OF POLYETHER ALCOHOLS BY USING DMC CATALYSIS
- PRODUCTION DE POLYETHERALCOOLS PAR CATALYSE PAR CYANURE DE METAL DOUBLE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; ., 67056 Ludwigshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OSTROWSKI, Thomas [DE/DE]; Darwinstrasse 7B, 01109 Dresden (DE). RUPPEL, Raimund [DE/DE]; Braunschweiger Str. 8, 01127 Dresden (DE). BAUM, Eva [DE/DE]; Ruhlander Str. 123, 01987 Schwarzhöhe (DE). HARRE, Kathrin [DE/DE]; Silcherstr. 4, 01109 Dresden (DE).
- (74) HÖRSCHLER, Wolfram J.; Isenbruck Bösl Hörschler Wichmann Huhn, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH
- POLYALKYLENEGLYCOLS A HAUT DEGRE DE PURETE ET PROCEDE DE PRODUCTION DE CES COMPOSES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; ., 67056 Ludwigshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72) KLUMPE, Markus; Deidesheimer Str. 36, 68309 Mannheim (DE). BALDENIUS, Kai-Uwe; Sperlinggasse 1, 67063 Ludwigshafen (DE). HACKMANN, Claus; Oberer Waldweg 19a, 67281 Kirchheim a. d. Weinstrasse (DE). LAUTERBACH, Arnulf; Innsbrucker Weg 7, 67067 Ludwigshafen (DE). SEELMANN-EGGEBERT, Hans-Peter; Weinbietstr. 2, 67117 Limburgerhof (DE). ZIPPLIES, Matthias; Eichstr. 36, 67056 Neustadt/Weinstrasse (DE).
- (74) HÖRSCHLER, Wolfram; Isenbruck Bösl Hörschler Wichmann Huhn Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • RESIN AND ARTICLE MOLDED THEREFROM
• RESINE ET ARTICLE MOULE AVEC CETTE RESINE
- (71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 1038666 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKANISHI, Keijiro [JP/JP]; 10-22-1504, Heso 3-chome, Ritto-shi, Shiga 5203031 (JP). MATSUNO, Tatsuya [JP/JP]; 16-A2-33, Takehana, Jizojiminamimachi, Yamashina-ku, Kyoto-shi, Kyoto 6078088 (JP). INOUE, Emi [JP/JP]; Toray Wakakusa-ryo 414, 1-1, Oe 1-chome, Otsu-shi, Shiga 5202141 (JP). KOHARA, Takehiro [JP/JP]; 10-A6-34, Sonoyama 2-chome, Otsu-shi, Shiga 5200842 (JP).
- (74) IWAMI, Tomonori; c/o Intellectual Property Department, TORAY INDUSTRIES, INC., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C08J 3/12, C08L 1/28, C08B 11/20, B01J 2/22
- (11) WO 2004/106415 (13) A2
- (21) PCT/EP2004/050964
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) VA2003A000017 3 Jun/juin 2003 IT (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FAST DISSOLVING CARBOXYMETHYLCELLULOSE
• CARBOXYMETHYLCELLULOSE A DISSOLUTION RAPIDE
- (71) LAMBERTI SPA [IT/IT]; Via Piave, 18, I-21041 Albizzate (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEMARCHI, Cristina [IT/IT]; Via Castelnovate, 19b, I-28047 Oleggio (IT). LI BASSI, Giuseppe [IT/IT]; Via Stretti, 4, I-21026 Gavirate (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08J 3/00, 3/07, C08L 79/04, 79/06, C08G 61/00, 61/12
- (11) WO 2004/106414 (13) A1
- (21) PCT/EP2004/004839
- (22) 6 May/mai 2004 (06.05.2004)
- (25) de (26) de
- (30) 103 25 102.2 3 Jun/juin 2003 DE (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DISPERSIONS OF RIGID-CHAIN CONJUGATED POLYMERS, METHOD FOR THE PRODUCTION AND USE THEREOF FOR PRODUCING ELECTRONIC COMPONENTS
• DISPERSIONS DE POLYMERES CONJUGUES A CHAINES RIGIDES, PROCEDE DE FABRICATION ET UTILISATION DANS LA FABRICATION DE COMPOSANTS ELECTRONIQUES
- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANIETZ, Silvia [DE/DE]; Am Schlosspark 13, 14532 Stahnsdorf (DE). KRÜGER, Hartmut [DE/DE]; Weissdornweg 8, 14469 Potsdam (DE). WEDEL, Armin [DE/DE]; G.-Hauptmann-Str. 10, 14513 Teltow (DE). SAINOVA, Dessimlava [—/DE]; Kurfürstenstrasse 35, 14467 Potsdam (DE).
- (74) ALBRECHT, Thomas; Kraus & Weigert, Thomas-Wimmer-Ring 15, 85039 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08J 3/12, A61J 3/10, A61K 9/20, 47/38
- (11) WO 2004/106416 (13) A1
- (21) PCT/JP2004/007379
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-153814 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CELLULOSE POWDER
• POUDRE DE CELLULOSE
- (71) ASAHI KASEI CHEMICALS CORPORATION [JP/JP]; 1-2, Yurakucho 1-chome, Chiyoda-ku, Tokyo 1008440 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMASAKI, NAOAKI [JP/JP]; 2-4-10-205, Midorigaoka, Nobeoka-shi, Miyazaki 8820036 (JP). OBAE, Kazuhiro [JP/JP]; Sakurazono Apato 532, 6, Sakurazonomachi, Nobeoka-shi, Miyazaki 8820036 (JP). IBUKI, Ichiro [JP/JP]; 1-8, Asahimachi 3-chome, Nobeoka-shi, Miyazaki 8820847 (JP).
- (74) ASAMURA, Kiyoshi et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08J 5/18, B29C 55/02 // C08L 101:16, 67:00, B29K 67:00, B29L 7:00
- (11) WO 2004/106417 (13) A1
- (21) PCT/JP2003/006582
- (22) 27 May/mai 2003 (27.05.2003)
- (25) ja (26) ja
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BIODEGRADABLE RESIN FILM OR SHEET AND PROCESS FOR PRODUCING THE SAME
• FILMOU FEUILLE DE RESINE BIODEGRADABLE ET SON PROCEDE DE FABRICATION
- (71) ASAHI KASEI KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ITADA, Mitsuyoshi [JP/JP]; 2-12-5, Mikkaichi-minami, Suzuka-shi, Mie 513-0804 (JP). SUKIGARA, Masayuki

- [JP/JP]; 2077-3, Koriyama-cho, Suzuka-shi, Mie 510-0263 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08J 9/12, E04B 1/80, 1/66
- (11) WO 2004/106418 (13) A1
- (21) PCT/JP2003/012965
- (22) 9 Oct/oct 2003 (09.10.2003)
- (25) ja (26) ja
- (30) 2003-150795 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FOAMED MATERIAL, METHOD FOR PRODUCTION THEREOF, CUSHIONING MATERIAL, THERMAL INSULATING MATERIAL AND STRUCTURE OF WALL OF BUILDING
- MATIERE EN MOUSSE, SON PROCEDE DE PRODUCTION, MATIERE MATELASSEE, MATIERE D'ISOLATION THERMIQUE ET STRUCTURE DE PAROI D'UN BATIMENT
- (71) MISAWA HOMES CO., LTD. [JP/JP]; 4-5, Takaidohigashi 2-chome, Suginami-ku, Tokyo 168-8533 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KAMITE, Masayuki [JP/JP]; c/o. MISAWA HOMES CO., LTD., 4-5, Takaidohigashi 2-chome, Suginami-ku, Tokyo 168-8533 (JP). ABIKO, Haruhiko [JP/JP]; c/o. MISAWA HOMES CO., LTD., 4-5, Takaidohigashi 2-chome, Suginami-ku, Tokyo 168-8533 (JP). TABUCHI, Daisuke [JP/JP]; c/o. MISAWA HOMES CO., LTD., 4-5, Takaidohigashi 2-chome, Suginami-ku, Tokyo 168-8533 (JP).
- (74) KINOSHITA, Jitsuzo et al. / etc.; 3rd floor, Ogikubo TM building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08K 3/00, 3/04, 3/38, 9/00, 7/24, C01B 31/02, 31/04
- (11) WO 2004/106420 (13) A2
- (21) PCT/US2004/016226
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/472,820 22 May/mai 2003 US (22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NANOCOMPOSITES AND METHODS THERETO
- NANOCOMPOSITES ET PROCEDES
- (71) ZYVEX CORPORATION [US/US]; 1321 N. Plano Road, Richardson, TX 75081 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHEN, Jian [CN/US]; 411 Buckingham, #434, Richardson, TX 75081 (US). RA-JAGOPAL, Ramasubramaniam [IN/US]; 2600 East Renner Road, #163, Richardson, TX 75082 (US).
- (74) MCCOMBS, David L. et al. / etc.; Haynes and Boone, LLP, Suite 3100, 901 Main Street, Dallas, TX 75202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement
-
- (51)⁷ C08K 3/04, C08L 77/00, 71/12
- (11) WO 2004/106421 (13) A1
- (21) PCT/US2004/011148
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) en (26) en
- (30) 10/250,023 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR MAKING A CONDUCTIVE THERMOPLASTIC COMPOSITION
- PROCEDE DE FABRICATION D'UNE COMPOSITION THERMOPLASTIQUE CONDUCTRICE
- (71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOSSAN, Robert [US/US]; 34 Yorkshire Lane, Delmar, NY 12054 (US). TING, Sai-Pei [US/US]; 18 Bittersweet Lane, Slingerlands, NY 12159 (US).
- (74) WINTER, Catherine, J. et al. / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • RECORDING FLUID, CARTRIDGE FOR FLUID, DEVICE AND METHOD FOR DISCHARGING FLUID
• FLUIDE D'IMPRESSIION, CAR-TOUCHE DE FLUIDE, DISPOSITIF ET PROCEDE DE DECHARGE DU FLUIDE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUKUDA, Toshio [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). YAKURA, Yuji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). NAKAMURA, Masato [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
- (74) KOIKE, Akira et al. / etc.; Yamato Seimei Bldg., 11th Floor, 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 11/00
- (11) WO 2004/106440 (13) A1
- (21) PCT/JP2004/007467
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 2003-149419 27 May/mai 2003 JP (27.05.2003)
- (30) 2004-062967 5 Mar/mar 2004 JP (05.03.2004)
- (30) 2004-146884 17 May/mai 2004 JP (17.05.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LIQUID, PH-SENSITIVE INK, METHOD AND APPARATUS USING THE SAME
• ENCRE LIQUIDE SENSIBLE AUX PH, PROCEDE ET APPAREIL UTILISANT LADITE ENCRE
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATO, Koichi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). NAKAZAWA, Ikuo [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). SUDA, Sakae [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). IKEGAMI, Masayuki [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). TSUBAKI, Keiichiro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). HIGASHI, Ryuji [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). YAMAGISHI, Keiko [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 11/00, B41M 5/00, B41J 2/01
- (11) WO 2004/106439 (13) A1
- (21) PCT/JP2004/007446
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ja (26) ja
- (30) 2003-152224 29 May/mai 2003 JP (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • RECORDING FLUID AND RECORDING METHOD USING THE SAME
• FLUIDE D'ENREGISTREMENT ET PROCEDE D'ENREGISTREMENT UTILISANT CE FLUIDE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEKIGUCHI, Hideki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). NAKASHINDEN, Hiroyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). HIDA, Masanobu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
- (74) KOIKE, Akira et al. / etc.; Yamato Seimei Bldg., 11th Floor, 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 11/00, 127/12, 157/08, B41J 2/315, B41M 1/26, 7/00, C08J 5/12
- (11) WO 2004/106441 (13) A1
- (21) PCT/US2004/011627
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 10/447,772 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF INKJET PRINTING A FLUOROPOLYMER SOLUTION TO A SUBSTRATE AND ARTICLES THEREFROM
• PROCEDE D'IMPRESSIION PAR JET D'ENCRE D'UN SUBSTRAT AVEC UNE SOLUTION FLUOROPOLYMER ET ARTICLES AINSI OBTENUS
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (72) JING, Naiyong; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). YLITALO, Caroline, M.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (74) WRIGHT, Bradford, B. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG

- COMPOSES DE CRISTAUX LIQUIDES
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIRSCH, Peer** [DE/DE]; Beethovenring 28, 64342 Seckheim-Jugenheim (DE). **POETSCH, Eike** [DE/DE]; Am Buchwald 4, 64367 Mühlthal (DE). **HAHN, Alexander** [DE/DE]; Grosse Kreisgasse 7, 64521 Gross-Gerau (DE). **BINDER, Werner** [DE/DE]; Sandweg 3, 64807 Dieburg (DE). **MEYER, Volker** [DE/DE]; Ahornweg 3, 64846 Gross-Zimmern (DE). **HECKMEIER, Michael** [DE/DE]; Gutenbergstrasse 7, 69502 Hemsbach (DE). **LÜSSEM, Georg** [DE/DE]; Steinbergstrasse 7, 85238 Petershausen (DE). **KLASEN-MEMMER, Melanie** [DE/DE]; Hauptstrasse 31A, 67259 Heuchelheim (DE).
- (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C09K 19/34, C07D 309/04, 309/06**
- (11) **WO 2004/106460** (13) A1
- (21) PCT/EP2004/005539
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) de (26) de
- (30) 103 24 311.9 **27 May/mai 2003 DE (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **LIQUID-CRYSTALLINE COMPOUNDS HAVING A TETRAHYDROPYRAN RING**
- COMPOSES DE CRISTAUX LIQUIDES PRESENTANT UN CYCLE DE TETRAHYDROPYRANE
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIRSCH, Peer** [DE/DE]; Beethovenring 28, 64342 Seckheim-Jugenheim (DE). **POETSCH, Eike** [DE/DE]; Am Buchwald 4, 64367 Mühlthal (DE). **MANABE, Atsutaka** [JP/DE]; Im Freiacker 14, 64625 Bensheim (DE).
- (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **C10G**
- (11) **WO 2004/106461** (13) A2
- (21) PCT/US2004/016133
- (22) **20 May/mai 2004 (20.05.2004)**
- (25) en (26) en
- (30) 10/446,263 **23 May/mai 2003 US (23.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **RECYCLE OF LOW BOILING POINT PRODUCTS TO A FISCHER-TROPSCH REACTOR**
- RECYCLAGE DE PRODUITS A FAIBLE POINT D'EBULLITION DANS UN REACTEUR FISCHER-TROPSCH
- (71) **CONOCOPHILLIPS COMPANY** [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ESPINOZA, Rafael, L.** [PE/US]; 1469 N. Prentice Rd., Ponca City, OK 74604 (US). **WRIGHT, Harold, A.** [US/US]; 316 Warwick Road, Ponca City, OK 74601 (US). **ZHANG, Jianping** [CN/US]; 2029 Lemon Tree, Ponca City, OK 74604 (US).
- (74) **WESTPHAL, David, W.**; P.O. Box 1267, Ponca City, OK 74602-1267 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **C10G 11/05, 11/18, 57/00, 57/02, C07C 4/06, 11/06, C10L 1/06, C07C 4/06**
- (11) **WO 2004/106462** (13) A1
- (21) PCT/EP2004/050931
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 03076643.0 **27 May/mai 2003 EP (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **PROCESS TO PREPARE A GASOLINE**

- PROCEDE DE PREPARATION D'ESSENCE
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUPAIN, Xander** [NL/NL]; Julianalaan 136, NL-2628 BL Delft (NL). **KRUL, Ralph Antoni** [NL/NL]; Julianalaan 136, NL-2628 BL Delft (NL). **MAKKEE, Michiel** [NL/NL]; Julianalaan 136, NL-2628 BL Delft (NL). **MOULIJN, Jacob Adriaan** [NL/NL]; Julianalaan 136, NL-2628 BL Delft (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C10G 11/22, C07C 5/48, 11/02**
- (11) **WO 2004/106463** (13) A1
- (21) PCT/GB2004/002035
- (22) **12 May/mai 2004 (12.05.2004)**
- (25) en (26) en
- (30) 0312093.8 **27 May/mai 2003 GB (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **PROCESS FOR THE PRODUCTION OF OLEFINS**
- PROCEDE DE PRODUCTION D'OLEFINS
- (71) **BP CHEMICALS LIMITED** [GB/GB]; Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7BP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LITTLE, Ian, Raymond** [GB/US]; 27W650 North Lane, Naperville, IL 60540 (US). **WILLIAMS, Vaughan, Clifford** [GB/GB]; 88 Shaftesbury Crescent, Staines, Middlesex TW18 1QW (GB).
- (74) **HYMERS, Ronald, Robson**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- Christopher, Dennis** [CA/CA]; Apt. #1, 26 Highview Cres., Toronto, Ontario M6H 2Y2 (CA). **DI FLURI, Maria, Rosaria** [CA/CA]; 5785B Charles Street, Burnaby, British Columbia V5B 2G5 (CA).
- (74) **TONGCO, Emily, C.** et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/106494** (13) A2
- (21) PCT/US2004/016586
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 60/474,278 **29 May/mai 2003 US (29.05.2003)**
- (30) 60/528,563 **10 Dec/déc 2003 US (10.12.2003)**
- (30) Not furnished / **25 May/mai 2004 US non communiqué (25.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A PRESERVATIVE AND METHOD FOR PRESERVING CELLS
- AGENT DE CONSERVATION ET PROCEDE DE CONSERVATION DE CELLULES
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CROWE, John, H.** [US/US]; 1111 Cottonwood Court, Davis, CA 95616 (US). **TABLIN, Fern** [US/US]; 608 Huble Street, Davis, CA 95616 (US). **OLIVER, Ann, E.** [US/US]; 874 Parklin Avenue, Sacramento, CA 95831 (US). **JAMIL, Kamran** [US/US]; 1926 Pamela Avenue, Porterville, CA 93257 (US).
- (74) **HYMAN, Laurence, J.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/106495** (13) A2
- (21) PCT/US2004/016793
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 60/474,281 **29 May/mai 2003 US (29.05.2003)**
- (30) 60/555,557 **23 Mar/mar 2004 US (23.03.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAST CANCER
- COMPOSITIONS, KITS ET PROCEDES D'IDENTIFICATION, D'EVALUATION ET DE PREVENTION, ET THERAPIE ANTICANCEREUSE
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOHAHAN, John, E.** [US/US]; 942 West Street, Walpole, MA 02081 (US). **HOERSCH, Sebastian** [DE/US]; 127 Brattle Street, Arlington, MA 02474 (US). **ANDERSON, Dustin, L.** [US/US]; 34 Kinross Road, #1, Brighton, MA 02135 (US). **ENDEGE, Wilson, O.** [KE/US]; 31 Liberty Lane, Norwood, MA 02062 (US). **FORD, Donna** [US/US]; 8 Morningside Road, Plainville, MA 02762 (US). **GLATT, Karen** [US/US]; 17 Beacon Street, Natick, MA 01760 (US). **GORBATCHEVA, Bella, O.** [RU/US]; 4215 Stearns Hill Road, Waltham, MA 02451 (US). **KAMATKAR, Shubhangi** [IN/US]; 655 Saw Mill Brook Parkway, #1, Newton, MA 02459 (US). **XU, Yongyao** [US/US]; 98 Alexander Avenue, Belmont, MA 02478 (US). **GANNAVARAPU, Manjula** [IN/US]; 10 Windemere Drive, Acton, MA 01720 (US). **ZHAO, Xumei** [US/US]; 149 Concord Road, Wayland, MA 01778 (US). **SCHLEGEL, Robert** [US/US]; 211 Melrose Street, Auburndale, MA 02466 (US). **MERTENS, Maureen** [US/US]; 14 Woodman Drive, Stow, MA 01775 (US).
- (74) **DECONTI, Giulio, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/106496** (13) A2
- (21) PCT/US2004/016798
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 60/473,644 **27 May/mai 2003 US (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHODS AND COMPOSITIONS FOR USE IN HOMOLOGOUS RECOMBINATION IN PLANT CELLS
- METHODES ET COMPOSITIONS A UTILISER DANS LA RECOMBINAISON HOMOLOGUE DANS DES CELLULES DE PLANTES
- (71) **TOSK, INC.** [US/US]; 2125 Delaware Avenue, Suite B, Santa Cruz, CA 95060 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FOGARTY, Patrick** [US/US]; 2125 Delaware Avenue, Suite B, Santa Cruz, CA 95060 (US).
- (74) **FIELD, Bret, E.**; Bozicevic, Field & Francis, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) **WO 2004/106497** (13) A2
- (21) PCT/US2004/016976
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) en (26) en
- (30) 60/473,691 **27 May/mai 2003 US (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGEABLE ANIMAL MODEL OF SARS INFECTION
- MODELE ANIMAL POUVANT ETRE IMAGE DE L'INFECTION PAR LE VIRUS DU SARS (SYNDROME RESPIRATOIRE AIGU SEVERE)
- (71) **ANTICANCER, INC.** [US/US]; 7917 Ostrow Street, San Diego, CA 92111 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YANG, Meng** [CN/US]; 9115 Truman Street, San Diego, CA 92129 (US). **XU, Mingxu** [CN/US]; 3203 Via Alicante, #1, La Jolla, CA 92037 (US).
- (74) **MULLEN, James, J., III** et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106502 (13) A1
- (21) PCT/JP2004/007735
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- (30) 2004-129857 26 Apr/avr 2004 JP (26.04.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MESENCHYMAL STEM CELL
- CELLULE SOUCHE MESENCHYMA-TEUSE
- (71) RIKEN [JP/JP]; 2-1, Hirose, Wako-shi, Saitama, 3510198 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIKAWA, Shinichi [JP/JP]; 2-5-3-704, Yamamoto-dori, Chuo-ku, Kobe-shi, Hyogo, 6500003 (JP). ERA, Takumi [JP/JP]; 3-6-12-509, Konan-cho, Higashinada-ku, Kobe-shi, Hyogo, 6580084 (JP).
- (74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 5/10, 15/11, 15/24, 15/62, C07K 14/54, 16/18, C12Q 1/68, G01N 33/50, 33/68, A61K 31/70, 38/20, 39/395, A01K 67/027
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- (25) en (26) en
- (30) 60/473,634 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NOVEL IL-8-LIKE POLYPEPTIDES
- NOUVEAUX POLYPEPTIDES DE TYPE IL-8
- (71) APPLIED RESEARCH SYSTEMS ARS HOLDING N.V. [NL/NL]; Pietermaai 15, Curacao (AN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCALLISTER, Gregg [US/US]; 65 Chelsea St. Apt 407, Charlestown, MA 02129 (US). GORSKI, Regina [US/US]; 121 Greenleigh Court, Merchantville, NJ 08109 (US). BIENKOWSKA, Jadwiga [PL/US]; 45 Fayette St. Apt.3, Cambridge, MA 02139 (US).
- (74) SERONO INTERNATIONAL S.A. INTELLECTUAL PROPERTY; 12, chemin des Aulx, CH-1228 Plan-Les-Ouates (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) WO 2004/106504 (13) A1
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- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) zh (26) zh
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THE RECOMBINANT ADENO-ASSOCIATED VIRUSES CARRYING THE HUMAN GAMMA INTERFERON AND THE METHOD FOR PREPARING THEM
- VIRUS ADENO ASSOCIES RECOMBINES PORTEURS DE L'INTERFERON GAMMA HUMAIN ET LEUR PROCEDE DE PREPARATION
- (71, 72) HUANG, Wenlin [CN/CN]; Libai Tower 17D, Dongfeng Plaza, Guangzhou, Guangdong 510000 (CN).
- (74) BEIJING ZHONGYUAN HUAHE INTELLECTUAL PROPERTY AGENCY CO., LTD.; Room 909, Huibin Building, No.8 Beichendong Street, Chao Yang District, Beijing 100101 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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8/04, A23L 2/84, C02F 3/34 // (C12N 1/21,
C12R 1:19) (C12N 1/19, C12R 1:84)
- (11) WO 2004/106510 (13) A1
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- (25) en (26) en
- (30) 03447133.4 28 May/mai 2003 EP
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ENZYME WITH XYLANASE ACTIV-
ITY AT ACIDIC PH
• ENZYME A ACTIVITE XYLANASE A
PH ACIDE
- (71) FACULTES UNIVERSITAIRES NOTRE-
DAME DE LA PAIX [BE/BE]; Rue de Brux-
elles 61, B-5000 Namur (BE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HOUSEN, Isabelle [BE/BE]; Chemin
des Blés 104, B-5024 Gelbresse (BE).
VANDENHAUTE, Jean [BE/BE]; Route de
Jausse 223, B-5100 Wierde (BE). COPPE,
Philippe [BE/BE]; Rue de la Chavée 11,
B-6900 Aye (BE). DEPIEREUX, Eric
[BE/BE]; Rue Saintraint 9, B-5000 Namur
(BE).
- (74) VAN MALDEREN, Joëlle et al. / etc.; Of-
fice Van Malderen, Place Reine Fabiola 6/1,
B-1083 Brussels (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (q2)
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- (51)⁷ C12N 15/00, A01H 5/00, C12N 5/00,
C12Q 1/02, 1/68, G01N 33/15, 33/50
- (11) WO 2004/106512 (13) A1
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(12.03.2004)
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- (54) • METHOD OF ENHANCING
PATHOGEN-RESISTANCE OF PLANT
• PROCEDE POUR RENFORCER LA
RESISTANCE DE PLANTES VIS-A-VIS
DES PATHOGENES
- (71) NATIONAL INSTITUTE OF AGRO-
BIOLOGICAL SCIENCES [JP/JP]; 1-2,
Kannondai 2-chome, Tsukuba-shi, Ibaraki
3058602 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (30) 2004-104036 31 Mar/mar 2004 JP
(31.03.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OLIGO DOUBLE-STRANDED RNA
INHIBITING THE EXPRESSION OF
Bcl-2 AND MEDICINAL COMPOSI-
TION CONTAINING THE SAME
• ARN OLIGOBICATENAIRES INHIBANT
L'EXPRESSION DE BCL-2 ET COMPO-
SITION MEDICINALE CONTENANT
CET ARN
- (71) NIPPON SHINYAKU CO., LTD. [JP/JP];
14, Nishinosho-Monguchi-cho, Kisshoin, Mi-
nami-ku, Kyoto-shi, Kyoto 6018550 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) YANO, Junichi [JP/JP]; 840-86, Saho-
dai 2-chome, Nara-shi, Nara 6308105 (JP).
HIRABAYASHI, Kazuko [JP/JP]; Room 307,
Green Palace Kaikonoyashiro, 11-1,
Uzumasa Morigamaecho, Ukyo-ku, Ky-
oto-shi, Kyoto 6168105 (JP). NAKAGAWA,
Shinichiro [JP/JP]; Room 403, Nippon
Shinyaku Otowaryo, 39, Oyake Sakanot-
sujicho, Yamashina-ku, Kyoto-shi, Kyoto
6078182 (JP).
- (74) SHAMOTO, Ichio et al. / etc.; YUASA
AND HARA, Section 206, New Ohtemachi
Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku,
Tokyo 1000004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (21) PCT/US2003/014657
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- (25) en (26) en
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- (54) • HOST CELLS DEFICIENT FOR MIS-
MATCH REPAIR
• CELLULES HOTES DEFICIENTES
POUR LA REPARATION DES APPA-
RIEMENTS
- (71) THE GOVERNMENT OF THE UNITED
STATES OF AMERICA as represented
by THE SECRETARY OF THE DE-
PARTMENT OF HEALTH AND HUMAN
SERVICES [US/US]; National Institutes Of
Health, Office Of Technology Transfer, 6011
Executive Boulevard, Suite 325, Rockville,
MD 20852-3804 (US). THE UNIVERSITY
OF HONG KONG [CN/CN]; Department
of Biochemistry, 3/F Laboratory Block,
Faculty of Medicine Building, 21 Sassoon
Road, Hong Kong SAR (CN). CHINESE
ACADEMY OF MEDICAL SCIENCES
(CAMS) & PEKING UNION MEDICAL
COLLEGE (PUMC) [CN/CN]; National
Laboratory of Medical Molecular Biology,
Institute of Basic Medical Sciences, Beijing
100005 (CN).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) COURT, Donald, L. [US/US]; 502 Mag-
nolia Avenue, Frederick, MD 21702 (US).
LI, Xin-Tian [CN/CN]; National Laboratory
of Medical Molecular Biology, Institute of
Basic Medical Sciences, Chinese Academy of
Medical Sciences (CAMS) & Peking Union
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A61P 35/00, 35/02, 43/00
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- (21) PCT/JP2004/007378
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- Medical College (PUMC), Beijing 100005 (CN). HUANG, Jian-Dong [US/CN]; c/o Dept. of Biochemistry, the University of Hong Kong, 3/F Laboratory Block Faculty of Medicine Building, 21 Sassoon Road, Hong Kong (CN). COSTANTINO, Nina [US/US]; 7913 Runnymede Drive, Frederick, MD 21702 (US). LIU, Depei [CN/CN]; National Laboratory of Medical Molecular Biology, Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences (CAMS) & Peking Union Medical College (PUMC), Beijing 100005 (CN).
- (74) SIEGEL, Susan, Alpert; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C12N 15/09, C07K 1/22, 16/00
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- (54) • METHOD OF RECOVERING PROTEIN BY DEUBIQUITINATING UBIQUITINATED PROTEIN
• PROCEDE DE RECUPERATION DE PROTEINES PAR DESUBIQUITINATION D'UNE PROTEINE UBIQUITINEE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAYA, Motohiro [JP/JP]; c/o AIST Hokkaido, National Institute of Advanced Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido 0628517 (JP). TAMURA, Noriko [JP/JP]; c/o AIST Hokkaido, National Institute of Advanced Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido 0628517 (JP). TAKEUCHI, Junko [JP/JP]; c/o AIST Hokkaido, National Institute of Advanced Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido 0628517 (JP). TAMURA, Tomohiro [JP/JP]; c/o AIST Hokkaido, National Institute of Advanced Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido 0628517 (JP).
- (74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 2004/106515 (13) A1
(21) PCT/JP2004/007677
(22) 27 May/mai 2004 (27.05.2004)
(25) ja (26) ja
(30) 2003-151302 28 May/mai 2003 JP (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ANTI-BAMBI ANTIBODY AND DIAGNOSTIC OR REMEDY FOR COLON CANCER AND LIVER CANCER CONTAINING THE SAME
• ANTICORPS ANTI-BAMBI ET AGENT DIAGNOSTIQUE OU REMEDE POUR LE CANCER DU COLON ET LE CANCER DU FOIE CONTENANT LEDIT ANTICORPS
- (71) SCIMEDIA LTD. [JP/JP]; 2-7-17, Ikenohata, Taito-ku, Tokyo 110-0008 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) AKIYAMA, Tetsu [JP/JP]; 1-1-1, Yayoi, Bunkyo-ku, Tokyo 113-0032 (JP).
- (72, 75) SEKIYA, Takashi [JP/JP]; 1-1-1, Yayoi, Bunkyo-ku, Tokyo 113-0032 (JP). OHWADA, Susumu [JP/JP]; 3-39-15, Showa-cho, Maebashi-shi, Gunma 371-8511 (JP).
- (74) KOBAYASHI, Hiroshi et al. / etc.; c/o Abe, Ikubo & Katayama, Fukuoka Building 9th Floor, 8-7, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 2004/106516 (13) A1
(21) PCT/EP2004/005799
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(30) 103 24 511.1 28 May/mai 2003 DE (28.05.2003)
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- (54) • METHOD FOR OBTAINING PLASMA-MID-DNA BY MEANS OF AN AQUEOUS BIPHASIC SYSTEM
• PROCEDE POUR OBTENIR UN ADN PLASMIQUE AU MOYEN D'UN SYSTEME BIPHASIQUE AQUEUX
- (71) QIAGEN GMBH [DE/DE]; Qiagen Strasse 1, 40724 Hilden (DE). FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; 52425 Jülich (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MÜLLER, Markus [DE/DE]; In Ückerath 100, 41542 Dormagen-Nievenheim (DE). HUBBUCH, Jürgen [DE/DE]; Deliusstrasse 5, 52064 Aachen (DE). FRERIX, Andreas [DE/DE]; Steinchensweg 5, 47546 Kallar-Kehrum (DE). KULA, Maria-Regina [DE/DE]; Geigenberger Strasse 35, 81477 München (DE).
- (74) QIAGEN GMBH; Qiagen Strasse 1, 40724 Hilden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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(21) PCT/AU2004/000759
(22) 3 Jun/juin 2004 (03.06.2004)
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- POLYMORPHISME DU GENE CYP1A2 CANIN
- (71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 1038411 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TENMIZU, Daisuke [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 1-8, Azusawa 1-chome., Itabashi-ku, Tokyo 1748511 (JP). FUKUNAGA, Yasuhisa [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 3058585 (JP). NOGUUCHI, Kiyoshi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 1-8, Azusawa 1-chome., Itabashi-ku, Tokyo 1748511 (JP).
- (74) MORITA, Kenichi et al. / etc.; 5th Fl., Itabashi-chuo Bldg., 67-8, Itabashi 2-chome, Itabashi-ku, Tokyo 1730004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 60/473,992 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOSITIONS AND METHODS FOR PREVENTING AND TREATING LIVER CIRRHOSIS
- COMPOSITIONS ET PROCEDES DE PREVENTION ET DE TRAITEMENT DE LA CIRRHOSE DU FOIE
- (71) THE UNIVERSITY OF HONG KONG [CN/CN]; G18, Eliot Hall, Pokfulam Road, Hong Kong (CN). *(for all designated States except / pour tous les États désignés sauf US)*
- (72) XU, Ruian; D2, Rodgrigus Court, 350 Victoria Road, Hong Kong (CN). LI, Xinyan; China Pharmaceutical University, Nanjing (CN). FUNG, Peter; Flat 20A, Block 1, 25 Sha Wan Drive, Pokfulam, Hong Kong (CN).
- (74) CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/JP2004/007419
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- (25) ja (26) ja
- (30) 2003-148886 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROTEASE, DNA CODING FOR THE PROTEASE AND PROCESS FOR PRODUCING THE PROTEASE
- PROTEASE, ADN CODANT POUR CETTE PROTEASE ET PROCEDE DE PRODUCTION DE CETTE PROTEASE
- (71) JELlice CO., LTD. [JP/JP]; 7-1, Wakabayashi 2-chome, Wakabayashi-ku, Sendai-shi, Miyagi 9840824 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KANAYAMA, Yoshitaka [JP/JP]; c/o Jellice Co., Ltd., 7-1, Wakabayashi 2-chome, Wakabayashi-ku, Sendai-shi, Miyagi 9840824 (JP). SAKAI, Yasuo [JP/JP]; c/o Jellice Co., Ltd., 7-1, Wakabayashi 2-chome, Wakabayashi-ku, Sendai-shi, Miyagi 9840824 (JP). HONGO, Takahiro [JP/JP]; c/o Jellice Co., Ltd., 7-1, Wakabayashi 2-chome, Wakabayashi-ku, Sendai-shi, Miyagi 9840824 (JP).
- (74) SIKs & Co.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 1040031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/62, 15/17, 15/12, 15/51, C12P 21/02
- (11) WO 2004/106525 (13) A1
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- (22) 3 Jun/juin 2003 (03.06.2003)
- (25) zh (26) zh
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A FUSION PROTEIN SUITABLE TO BE EXPRESSED HIGH EFFECTIVELY AND THE PRODUCTION METHOD THEREOF
- PROTEINE DE FUSION POUVANT ETRE EXPRIMEE TRES EFFICACEMENT ET SON PROCEDE DE PRODUCTION
- (71) SHANGHAI CENTRE OF RESEARCH & DEVELOPMENT OF NEW DRUGS [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN). SHANGHAI NEWSUMMIT BIOPHARMA CO., LTD [CN/CN]; 4th Fl. Bld. A, 398 Tianlin Road, Shanghai 200233 (CN). SHANGHAI YIZHONG BIOTECHNOLOGY CO., LTD [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN).
- (71) UNIVERSIDAD DE VALLADOLID [ES/ES]; Plaza Santa Cruz, 5 - Bajo, E-47002 Valladolid (ES). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GIBÉS JUAN, Tomás [ES/ES]; Plaza de Santa Cruz, 5 - Bajo, 47002 Valladolid (ES). BARRIUSO MADALENO, María, Begoña [ES/ES]; Plaza de Santa Cruz, 5 - Bajo, 47002 Valladolid (ES). ANTOLÍN MARTÍN, María del Pilar [ES/ES]; Plaza de Santa Cruz, 5 - Bajo, 47002 Valladolid (ES). ARIAS VALLEJO, Francisco, Javier

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- (72, 75) LU, Yi [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN). GAO, Xin [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN). CUI, Dafu [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN). ZHANG, Youshang [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN). HUANG, Yangbin [CN/CN]; 4th Fl. Bld. A, 398 Tianlin Road, Shanghai 200233 (CN). SUN, Jiuru [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN). LI, Jiang [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN). FEI, Jian [CN/CN]; 288 Lishizhen Road, Z.J. Hi-Tech Park, Pudong New Area, Shanghai 201203 (CN).
- (74) SHANGHAI PATENT & TRADEMARK LAW OFFICE; XU, Xun, 435 Guiping Road, Shanghai 200233 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106526 (13) A1
- (21) PCT/FR2004/001234
- (22) 19 May/mai 2004 (19.05.2004)
- (25) fr (26) fr
- (30) 2,429,235 22 May/mai 2003 CA (22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • VECTOR FOR CLONING AN INSERT HAVING BLUNT ENDS, ENABLING RECOMBINANT CLONES TO BE POSITIVELY SELECTED, METHOD FOR CLONING IN SAID VECTOR, AND USE OF SAID VECTOR FOR EXPRESSING AN INSERT
- VECTEUR DE CLONAGE D'INSERT A EXTREMITES FRANCHES PERMETTANT LA SELECTION POSITIVE DES CLONES RECOMBINANTS, METHODE DE CLONAGE DANS LEDIT VECTEUR, UTILISATION DUDIT VECTEUR POUR L'EXPRESSION D'UN INSERT
- (71) INSTITUT PASTEUR [FR/FR]; 28, rue du Docteur Roux, F-75015 Paris (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75016 Paris (FR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BETTON, Jean-Michel [FR/FR]; 5, rue Rémy Dumonceil, F-75014 Paris (FR).
- (74) CABINET ORES; 36, rue de St Pétersbourg, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106527 (13) A1
- (21) PCT/EP2004/005936
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) en (26) en
- (30) 03012552.0 2 Jun/juin 2003 EP (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ARCHAEOON EXPRESSION SYSTEM
- SYSTEME D'EXPRESSION DE L'ARCHAEA
- (71) B.R.A.I.N. BIOTECHNOLOGY RESEARCH AND INFORMATION NETWORK AG [DE/DE]; Darmstädter Strasse 34, 64673 Zwingenberg (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHLEPER, Christa [DE/DE]; Frankensteinstrasse 155, 64297 Darmstadt (DE). JONUSCHEIT, Melanie [DE/DE]; Inselstrasse 29, 64287 Darmstadt (DE). ECK, Jürgen [DE/DE]; Jakobsweg 48, 64625 Bensheim (DE). NIEHAUS, Frank [DE/DE]; Veilchenweg 5, 64646 Heppenheim (DE). ALBERS, Sonja-Verena [DE/NL]; Willem Dreesstraat 30, NL-9728 ST Groningen (NL). FROELS, Sabrina [DE/DE]; Gabelsbergerstrasse 7, 63303 Dreieich (DE).
- (74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106528 (13) A1
- (21) PCT/EP2004/051022
- (22) 3 Jun/juin 2004 (03.06.2004)
- (25) en (26) en
- (30) 03076719.8 3 Jun/juin 2003 EP (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRANSGENIC MONOCOTYLEDONOUS PLANTS OVEREXPRESSING A NHX PROTEIN AND HAVING IMPROVED GROWTH CHARACTERISTICS AND A METHOD FOR MAKING THE SAME
- PLANTES DE TYPE MONOCOTYLEDONES TRANSGENIQUES SUREXPRESSANT UNE PROTEINE NHX ET PRESENTANT DES CARACTERISTIQUES DE CROISSANCE AMELIOREES ET PROCEDE DE PRODUCTION ASSOCIE
- (71) CROPDESIGN N.V. [BE/BE]; Technologiepark 3, B-9052 Zwijnaarde (BE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANZ MOLINERO, Ana Isabel [ES/BE]; Bernheimlaan 38, B-9050 Gentbrugge (BE). FRANKARD, Valerie [BE/BE]; rue de Percke 78, B-1180 Brussel (BE).
- (74) CROPDESIGN N.V.; Technologiepark 3, B-9052 Zwijnaarde (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/106529 (13) A2
- (21) PCT/EP2004/005222
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/473.828 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WHEAT PLANTS HAVING INCREASED TOLERANCE TO IMIDAZOLINONE HERBICIDES
- PLANTES DE BLE PRESENTANT UNE TOLERANCE ACCRUE AUX HERBICIDES D'IMIDAZOLINONE

- (74) **NOVOZYMES A/S**; Patents, Krogshoejvej 36, DK-2880 Bagsvaerd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12P 41/00
- (11) **WO 2004/106534** (13) A1
- (21) PCT/KR2004/001313
- (22) **2 Jun/juin 2004 (02.06.2004)**
- (25) ko (26) en
- (30) 10-2003-0035470 **3 Jun/juin 2003 KR (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THE ENZYMATIC METHOD OF MAKING 1,2-DIOL DERIVATIVES AND THEIR ESTERS WITH SUCCINE ANHYDRIDE
- PROCEDE ENZYMATIQUE DE PREPARATION DE DERIVE 1,2-DIOL ET LEURS ESTERS A ANHYDRIDE SUCCINIQUE
- (71) **ENZYTECH, LTD.** [KR/KR]; 217-2, Sinsong-dong, Yuseong-Gu, Daejeon, 305-805 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HWANG, Soon Ook** [KR/KR]; 109-1402 Expo APT Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR). **KIM, Do Hoon** [KR/KR]; 109-501 SamIck-So Wol APT Beop-dong, Daedeok-gu, Daejeon 306-765 (KR). **RYU, Hye Youn** [KR/KR]; 102-301 Hansol APT Songkang-Dong, Yuseong-Gu, Daejeon, 305-503 (KR). **LEE, Tae Im** [KR/KR]; 779-11 Gasuwon-dong, Seo-gu, Daejeon, 302-802 (KR). **CHUNG, Sun Ho** [KR/KR]; 512-302 Cheongsol APT Songgang-dong, Yuseong-gu, Daejeon, 305-752 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q 1/00
- (11) **WO 2004/106536** (13) A2
- (21) PCT/EP2004/005256
- (22) **15 May/mai 2004 (15.05.2004)**
- (25) en (26) en
- (30) 03011963.0 **28 May/mai 2003 EP (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH SERINE PROTEASE 8 (PRSS8)
- AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES POUR MALADIES ASSOCIEES A LA SERINE PROTEASE 8 (PRSS8)
- (71) **BAYER HEALTHCARE AG** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOLZ, Stefan** [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). **BRÜGGEMEIER, Ulf** [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). **GEERTS, Andreas** [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE).
- (74) **BAYER HEALTHCARE AG**; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q 1/04, 1/68, G01N 33/48, 33/574
- (11) **WO 2004/106537** (13) A1
- (21) PCT/JP2004/007247
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) ja (26) ja
- (30) 2003-151818 **29 May/mai 2003 JP (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF DETECTING CANCEROUS CELL
- METHODE DE DETECTION DE CELLULES CANCEREUSES
- (71) **KABUSHIKI KAISHA TIYODA SEISAKUSHO** [JP/JP]; 75-5, Ooaza Imojiya, Chikuma-shi, Nagano 3870015 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUKUDA, Masaru** [JP/JP]; 1604, Kyoden 2-chome, Fukui-shi, Fukui 9100011 (JP).
- (74) **WATANUKI, Takao**; CreA Center Bldg., 12-9, Nakagoshi 3-chome, Nagano 3800935 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q 1/18, 1/26, 1/28
- (11) **WO 2004/106538** (13) A1
- (21) PCT/EP2004/005900
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) en (26) en

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR PRODUCING HIGH STRENGTH ULTRA PLASTIC MATERIAL
• PROCEDE DE PRODUCTION DE MATIERE PLASTIQUE ULTRA RESISTANTE
- (71) FURUKAWA CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8370 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAMOTO, Kazutomi [JP/JP]; 1-25-13, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP).
- (74) MORI, Tetsuya et al. / etc.; Nichiei Kokusai Tokkyo Jimusho, Yusen Iwamotocho Bldg. 8th Floor, 3-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/JP2004/002186
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- (25) ja (26) ja
- (30) 2003-154129 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COATING METHOD FOR INHIBITING REACTION
• PROCEDE DE REVETEMENT PERMETTANT D'INHIBER UNE REACTION
- (71) ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO. LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AOKI, Yasuhiro [JP/JP]; C/o Ishikawajima-harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP). SATO, Akihiro [JP/JP]; C/o Ishikawajima-harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP).
- (74) HOTTA, Minoru; 4f, Kenchiku Kaikan, 26-20, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) ja (26) ja
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TURBINE BLADE CAPABLE OF INHIBITING REACTION
• AUBE DE TURBINE PERMETTANT D'INHIBER UNE REACTION
- (71) ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AOKI, Yasuhiro [JP/JP]; C/o Ishikawajima-harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP). SATO, Akihiro [JP/JP]; C/o Ishikawajima-harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP).
- (74) HOTTA, Minoru; 4f, Kenchiku Kaikan, 26-20, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • MASK RETAINING DEVICE
• DISPOSITIF SUPPORT POUR MASQUE
- (71) AIXTRON AG [DE/DE]; Kackertstrasse 15-17, 52072 Aachen (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FRANKEN, Walter [DE/DE]; Rinkensplatz 11, 52249 Eschweiler (DE). STRAUCH, Gerhard, Karl [DE/DE]; Schönauer Friede 80, 52072 Aachen (DE).
- (74) GRUNDMANN, Dirk et al. / etc.; Rieder & Partner, Corneliusstrasse 45, 42329 Wuppertal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRANSPARENT CONDUCTIVE OXIDES
• OXYDES CONDUCTEURS TRANSPARENTS
- (71) SYMMORPHIX, INC. [US/US]; 1278 Reamwood Avenue, Sunnyvale, CA 94089-2233 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEMARAY, Richard, Ernest [US/US]; 190 Fawn Lane, Portola Valley, CA 94028 (US). NARASIMHAN, Mukundan [IN/US]; 293 Bluefield Drive, San Jose, CA 91536 (US).
- (74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street N.W., Washington, D.C. 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (71) AISIN SEIKI KABUSHIKI KAISHA [JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken 448-8650 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAGINO, Seichiro [JP/JP]; c/o Aisin Seiki Kabushiki Kaisha, 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken 448-8650 (JP). GOTO, Hisaharu [JP/JP]; c/o Aisin Seiki Kabushiki Kaisha, 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken 448-8650 (JP). FURUICHI, Mikio [JP/JP]; c/o Aisin Seiki Kabushiki Kaisha, 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken 448-8650 (JP). ANDO, Tsukasa [JP/JP]; c/o Aisin Seiki Kabushiki Kaisha, 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken 448-8650 (JP). TOKUHIRO, Yoshio [JP/JP]; c/o Aisin Seiki Kabushiki Kaisha, 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken 448-8650 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LAUNDRY MACHINE DOOR ASSEMBLY AND METHOD
• ENSEMBLE PORTE DE MACHINE A LAVER LE LINGE ET PROCEDE
- (71) EQUATOR CORPORATION [US/US]; 2801 West Sam Houston Parkway North, Houston, TX 77043-1611 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHARROW, John, A. [US/US]; 7001 Old Redmond Road, Apt. J-339, Redmond, WA 98052 (US).
- (74) NASH, Kenneth, L.; Law Office of Kenneth L. Nash, 15238 Highsprings Drive, Houston, TX 77068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 10-2003-0033997 28 May/mai 2003 KR (28.05.2003)
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- (54) • WASHING METHOD FOR WASHING MACHINE
• PROCEDE DE LESSIVE POUR LAVE-LINGE
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Seok Kyu [KR/KR]; Daedong Hwangtobang APT., 107-1203, Changwon-si, Gyeongsangnam-do 641-901 (KR).
- (74) BAHNG, Hae Cheol et al. / etc.; KBK & Associates, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WASHING MACHINE AND THE CONTROL METHOD OF THE SAME
• MACHINE A LAVER ET PROCEDE DE COMMANDE CORRESPONDANT
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yeoeuido-dong, Yongdeungpo-gu, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Seok Kyu [KR/KR]; #107-1203 Daedong Hwangtobang Apt., Daebang-dong, Changwon-si, Gyeongsangnam-do 641-901 (KR). GO, Seog Ho [KR/KR]; #28-12 Namyang-dong, Changwon-si, Gyeongsangnam-do 641-803 (KR). CHUNG, Bo Sun [KR/KR]; 3/3 #200-5 Dongdaesindong 1-ga, Seo-ku, Pusan 602-808 (KR). KIM, Young Soo [KR/KR]; #43-5 Yongho-dong, Changwon-si, Gyeongsangnam-do 641-840 (KR). YANG, Young Man [KR/KR]; #C-303 LG Saenghwalkwan., Kacumjung-dong, Changwon-si, Gyeongsangnam-do 641-110 (KR). CHOI, Gyo Cheol [KR/KR]; #108-803 Wonpoong Byuksan Apt., Palyong-dong, Changwon-si, Gyeongsangnam-do 641-906 (KR).
- (74) PARK, Byung Chang; #301, Woojin Bldg., 1445-2 Seocho-dong, Seocho-ku, Seoul-si 137-070 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • CONTROL METHOD OF WASHING MACHINE
- PROCEDE DE COMMANDE D'UNE MACHINE A LAVER
- (71) LG ELECTRONICS, INC. [KR/KR]; 20, Yeoeuido-dong, Yongdeungpo-ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Seok Kyu [KR/KR]; #107-1203 Daedong Hwangtobang Apt., Daebang-dong, Changwon-si, Kyungsangnam-do 641-901 (KR). GO, Seog Ho [KR/KR]; #28-12 Namyang-dong, Changwon-si, Kyungsangnam-do 641-803 (KR). CHUNG, Bo Sun [KR/KR]; 3/3 #200-5 Dongdaesindong 1-ga, Seo-ku, Pusan 602-808 (KR). KIM, Young Soo [KR/KR]; #43-5 Yongho-dong, Changwon-si, Kyungsangnam-do 641-840 (KR).
- (74) PARK, Byung Chang; #301, Woojin Bldg., 1445-2 Seocho-dong, Seocho-ku, Seoul-si 137-070 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS FOR DRYING AND STORAGE OF DIVING GARMENT AND ACCESSORIES
- APPAREIL POUR SECHER ET STOCKER DES VETEMENTS ET DES ACCESSOIRES DE PLONGEE
- (71, 72) SAUSMAN, Angela, Lesley [GB/SG]; 53B Greenleaf Road, Singapore 279360 (SG).
- (74) WATERMARK PATENT & TRADE-MARK ATTORNEYS; 290 Burwood Road, Hawthorn, VIC 3122 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CLOTHES WASHING MACHINE WITH AN INTEGRATED ARRANGEMENT OF ELECTROMAGNETIC VALVES
- MACHINE A LAVER LES VETEMENTS A AGENCEMENT INTEGRE DE VANNES ELECTROMAGNETIQUES
- (71) ELECTROLUX HOME PRODUCTS CORPORATION N.V. [BE/BE]; Belgicastraat 17, B-1930 Zaventem (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIZZETTO, Pietro [IT/IT]; Via Allende 65, IT-30020 Santo Stino di Livenza (IT).
- (74) GIUGNI, Valter; Propria S.r.l., Via Mazzini, 13, I-33170 Pordenone (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) PA 2003 00802 27 May/mai 2003 DK (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A ROTARY IRONER
- REPASSEUSE ROTATIVE
- (71) JENSEN DENMARK A/S [DK/DK]; Industrivej 2, DK-3700 Ronne (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NIELSEN, Steen [DK/DK]; Haslevej 71, DK-3700 Ronne (DK).
- (74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 21 May/mai 2004 (21.05.2004)
- (25) fr (26) fr
- (30) 03/06210 23 May/mai 2003 FR (23.05.2003)
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IRONING BOARD
- TABLE A REPASSER
- (71) CHAGNAUD, Alexandre [FR/FR]; 18 bis Ile de Migneaux, F-78300 Poissy (FR). CAUMONT, Roger [FR/FR]; 2 rue Joliment, F-31500 Toulouse (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BEER, CHAGNAUD, Anna [FR/FR]; 18 bis Ile de Migneaux, F-78300 Poissy (FR).
- (74) FOSSE, Danièle; Cabinet Brema, 78, avenue Raymond Poincaré, F-75116 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- FEUILLES FIBREUSES ENDUITES OU IMPREGNEES DE POLYMERES OU DE MELANGES DE POLYMERES BIODEGRADABLES
- (71) **BIOTEC BIOLOGISCHE NATURVERPACKUNGEN GMBH & CO. KG** [DE/DE]; Werner-Heinsenber-Str. 32, 46446 Emmerich (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **HODSON, Simon, K.**; 910 Estrella Drive, Santa Barbara, CA 93110 (US).
- (74) **ADAM, Holger**; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D21H 21/48**
- (11) **WO 2004/106631** (13) A1
- (21) PCT/EP2004/005721
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) de (26) de
- (30) 103 24 630.4 **28 May/mai 2003 DE (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SAFETY PAPER
• PAPIER DE SURETE
- (71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BODENDIECK, Thomas** [DE/DE]; Mary-Krebs-Strasse 1, 01219 Dresden (DE).
MANG, Thomas [DE/DE]; Ruhpointhöhe 7, 83677 Reichersbeuern (DE).
HOFFMANN, Peter [DE/DE]; Müllerstrasse 9, 83703 Gmund am Tegernsee (DE).
- (74) **KLUNKER.SCHMITT-NILSON.HIRSCH**; Winzererstrasse 106, 80797 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D21J 7/00, D21H 21/28**
- (11) **WO 2004/106633** (13) A1
- (21) PCT/NL2003/000403
- (22) **28 May/mai 2003 (28.05.2003)**
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESS FOR PREPARING A MOULDED PULP PACKAGING MATERIAL
• PROCEDE DE PREPARATION D'UN MATERIAU D'EMBALLAGE EN PATE MOULEE
- (71) **HUHTAMAKI MOLDED FIBER TECHNOLOGY B.V.** [NL/NL]; Zuidelijke Industrieweg 3-7, NL-8801 JB Franeker (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOOPMANS, Benno, Alexander** [NL/NL]; Puoldijk 16, NL-9035 BZ Dronrijp
- (NL). **KRMPOTIC, Miroslav** [AU/AU]; 6 Rae Street, 3615 Bentleigh East Victoria (AU).
KUIPER, Harald, John [NL/NL]; Heidemeer 15, NL-8445 SC Heerenveen (NL).
- (74) **VAN WESTENBRUGGE, Andries**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29270, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E01B 21/04**
- (11) **WO 2004/106634** (13) A2
- (21) PCT/EP2004/005710
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) de (26) de
- (30) 103 24 528.6 **28 May/mai 2003 DE (28.05.2003)**
- (30) 103 31 135.1 **9 Jul/juil 2003 DE (09.07.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BEARING AND FIXING DEVICE FOR A RAIL SECTION AND ASSEMBLY OF A SWITCH OR THE LIKE
• SUPPORT ET SYSTEME DE FIXATION DESTINEES A UNE SECTION DE RAIL ET MONTAGE D'UN AIGUILLAGE OU SIMILAIRE
- (71) **BWG GMBH & CO KG** [DE/DE]; Wet- zlarer Strasse 101, 35510 Butzbach (DE).
VAE GMBH [AT/AT]; Rotenturmstrasse 5 - 9, A-1010 Wien (AT).
DIETZE, Hans-Ulrich [DE/DE]; Am Müggelbusch 13, 14789 Wusterwitz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEINZE, Fridbert** [DE/DE]; Boilstädter Strasse 17, 99867 Gotha-Uelleben (DE).
- (74) **STOFFREGEN, Hans-Herbert**; Friedrich-Ebert-Anlage 11b, 63450 Hanau (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 10/444,178 **23 May/mai 2003 US
(23.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • CYLINDRICAL CUTTING ELEMENT SUPPORTED ON A CHAIN
-
- ELEMENT COUPANT CYLINDRIQUE SUPPORTÉ SUR UNE CHAÎNE

(71) VERMEER MANUFACTURING COMPANY [US/US]; 1210 Vermeer Road East, Pella, IA 50219 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WHITTEN, Dean [US/US]; 1512 W. 4th, Pella, IA 50219 (US). HAWKS, Dan [US/US]; 120 Amsterdam Drive, Pella, IA 50219 (US). COOPER, Mark [US/US]; 205 Elm, Pella, IA 50219 (US).

(74) STURM, Michael, O.; Sturm & Fix LLP, 206 Sixth Avenue, Des Moines, IA 50309-4076 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ E02F 3/43, F15B 15/28

(11) WO 2004/106645 (13) A1

(21) PCT/SE2004/000823

(22) **28 May/mai 2004 (28.05.2004)**

(25) sv (26) en

(30) 0301566-6 **28 May/mai 2003 SE
(28.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • A SYSTEM AND A METHOD FOR MOVING AN IMPLEMENT OF A VEHICLE
-
- SYSTÈME ET PROCÉDE DESTINÉS A DÉPLACER UN OUTIL D'UN VEHICULE

(71) VOLVO CONSTRUCTION EQUIPMENT HOLDING SWEDEN AB [SE/SE]; S-631 85 Eskilstuna (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIGHOLM, Bo [SE/SE]; Tveta, Sörgården, S-640 40 Stora Sundby (SE).

(74) FRÖHLING, Werner; Volvo Technology Corporation, Corporate Patens, 06820, M1.7, S-405 08 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02F 9/28

(11) WO 2004/106646 (13) A1

(21) PCT/ES2004/000184

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) es (26) es

(30) P200301283 **29 May/mai 2003 ES
(29.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • TOOTH, TOOTH HOLDER AND TOOTH/TOOTH HOLDER ASSEMBLY FOR MACHINES WHICH ARE USED TO MOVE MATERIALS SUCH AS EARTH OR STONES
-
- DENT, PORTE-DENT ET ENSEMBLE DENT ET PORTE-DENT POUR MACHINES DESTINÉES A DÉPLACER DES MATERIAUX TELS QUE DE LA TERRE OU DES PIERRES

(71) METALOGENIA, S.A. [ES/ES]; Ctra. Nacional II, Km. 636,6, E-08330 Premia de Mar (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOPEZ ALMENDROS, Jose [ES/ES]; C/ Mossen Juliana, 32, E-08027 Barcelona (ES).

(74) ARIZTIACHA, Monica et al. / etc.; C/ José Abascal, 45, E-28003 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02F 9/28

(11) WO 2004/106647 (13) A1

(21) PCT/US2004/014631

(22) **10 May/mai 2004 (10.05.2004)**

(25) en (26) en

(30) 10/444,771 **22 May/mai 2003 US
(22.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • TOOTH ADAPTER HAVING AN ELASTOMERIC CLAMP ASSEMBLY AND METHOD FOR USING SAME
-
- ADAPTEUR DE DENT POSSE-DANT UN ENSEMBLE DE SER-RAGE ELASTOMERE ET PROCÉDE D'UTILISATION DUDIT ADAPTEUR

(71) TRINITY INDUSTRIES, INC. [US/US]; 2525 Stemmons Freeway, Dallas, TX 75207 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAUTINO, Peter, Scott [US/US]; 320 Thornwood Drive, Pittsburgh, PA 15239 (US).

(74) PEDERSEN, Luke, K.; Baker Botts LLP, 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E03B 1/00

(11) WO 2004/106648 (13) A1

(21) PCT/EP2004/005615

(22) **25 May/mai 2004 (25.05.2004)**

(25) de (26) de

(30) 103 24 326.7 **27 May/mai 2003 DE
(27.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD FOR THE UTILIZATION OF NATURAL WATER MIGRATION PATHWAYS AND FOR PRODUCING ARTIFICIAL WATER MIGRATION PATHWAYS IN A TECTONICALLY ACTIVE MOUNTAIN RANGE FOR THE TRANSPORT AND PROCUREMENT OF WATER

• PROCÉDE POUR UTILISER DES VOIES D'EAU NATURELLES ET CONSTRUIRE DES VOIES D'EAU ARTIFICIELLES DANS UN MASSIF MONTAGNEUX SOUMIS A DES SOLLECITATIONS TECTONIQUES EN VUE DU TRANSPORT ET DE L'EXPLOITATION DE L'EAU

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B

(11) WO 2004/106654 (13) A2

(21) PCT/ZA2004/000059

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 2003/4291 2 Jun/juin 2003 ZA (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A CEILING ELEMENT
• ELEMENT DE PLAFOND

(71, 72) DE BEER, Lambertus, Nicolaas [ZA/ZA]; 155 Wright Road, Nuffield, 1559 Springs (ZA).

(74) MCCALLUM, RADEMEYER & FREIMOND et al. / etc.; P.O. Box 1130, 7 June Avenue, Maclyn House, Bordeaux, 2125 Randburg (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 1/343

(11) WO 2004/106655 (13) A1

(21) PCT/CA2004/000811

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 2,430,637 2 Jun/juin 2003 CA (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR THE MANUFACTURE AND DELIVERY OF SEGMENT HOUSES AND OTHER BUILDINGS
• LE PROCEDE DE FABRICATION ET D'APPORT DE PARTIES DE MAISON ET D'AUTRES CONSTRUCTIONS

(71) THE MATTAMY CORPORATION [CA/CA]; 2360 Bristol Circle, Oakville, Ontario L6H 6M5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KERR, Paul [CA/CA]; 13773 Sodom Road, Fort Erie, Ontario L0S 1S0 (CA).

(74) TORYS LLP; Maritime Life Tower, Suite 3000, P.O.Box 270, 79 Wellington Street West, TD Centre, Toronto, Ontario M5K 1N2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 1/343

(11) WO 2004/106656 (13) A1

(21) PCT/IB2004/001767

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/449,419 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PREFABRICATED PORTABLE FLAT PACK BUILDING
• CONSTRUCTION PORTATIVE PREFABRIQUEE EN KIT

(71, 72) MACWATT, David, MacBeth [GB/GB]; 32 High Street, Carlton le Moorland, Lincoln LN5 9HT (GB).

(74) LAWRENCE, John; Barker Brettell, 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04B 1/343

(11) WO 2004/106657 (13) A1

(21) PCT/IB2004/001770

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/448,690 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR ASSEMBLING PREFABRICATED PORTABLE FLAT PACK BUILDING

• SYSTEME ET PROCEDE DE MONTAGE D'UNE CONSTRUCTION PORTATIVE PREFABRIQUEE EN KIT

(71, 72) MACWATT, David, MacBeth [GB/GB]; 32 High Street, Carlton le Moorland, Lincoln LN5 9HT (GB).

(74) LAWRENCE, John; Barker Brettell, 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04B 1/82, A61H 33/06, A61M 21/00

(11) WO 2004/106658 (13) A1

(21) PCT/DE2004/001074

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 771.2 22 May/mai 2003 DE (22.05.2003)

(30) 103 43 976.5 19 Sep/sep 2003 DE (19.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RELAXATION ROOM AND METHOD FOR OPERATING A RELAXATION ROOM
• CHAMBRE DE RELAXATION ET PROCEDE POUR FAIRE FONCTIONNER UNE CHAMBRE DE RELAXATION

(71, 72) WEBER, Manfred [DE/DE]; Friedrichstr. 13, 52531 Übach-Palenberg (DE).

(74) CASTELL, Klaus et al. / etc.; Liermann-Castell, Gutenbergstrasse 12, 52349 Düren (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04C

(11) WO 2004/106659 (13) A2

(21) PCT/US2004/016912

- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 60/474,194 **29 May/mai 2003 US (29.05.2003)**
- (30) 60/485,774 **9 Jul/juil 2003 US (09.07.2003)**
- (30) Not furnished / non communiqué **27 May/mai 2004 US (27.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **PRINT METHODOLOGY FOR APPLYING POLYMER MATERIALS TO ROOFING MATERIALS**
- **METHODOLOGIE D'IMPRESSIION POUR APPLICATION DE MATERIAUX POLYMERES SUR DES MATERIAUX DE COUVERTURE**
- (71, 72) **COLLINS, David, A.** [US/US]; 11302 Memorial Drive, Houston, TX 77024 (US). **JACKSON, George, William** [US/US]; 3100 Walnut Bend #222, Houston, TX 77042 (US). **MADERO O'BRIEN, Miguel, E.** [MX/MX]; Sierra Amatepec 371, Lomas de Chapultepec, Mexico, D.F. 11000 (MX).
- (74) **PETRUZZI, James, D.** et al. / etc.; Mason & Petruzzi, 4900 Woodway, Suite 745, Houston, TX 77056 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E04C 2/288, E04B 1/80, B32B 13/04**
- (11) **WO 2004/106660** (13) A1
- (21) PCT/YU2004/000013
- (22) **31 May/mai 2004 (31.05.2004)**
- (25) en (26) en
- (30) P-436/03 **3 Jun/juin 2003 YU (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **THREE-LAYERED THERMO-INSULATION PLATE AND ITS PRODUCTION PROCEDURE**
- **PLAQUE THERMOISOLANTE A TROIS COUCHES ET SON PROCEDE DE FABRICATION**
- (71, 72) **DEVIC, Milan** [YU/YU]; Vojvode Stepe 251, YU-11000 Beograd (YU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E04D 2/288, E04B 1/80, B32B 13/04**
- (11) **WO 2004/106660** (13) A1
- (21) PCT/YU2004/000013
- (22) **31 May/mai 2004 (31.05.2004)**
- (25) en (26) en
- (30) P-436/03 **3 Jun/juin 2003 YU (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **THREE-LAYERED THERMO-INSULATION PLATE AND ITS PRODUCTION PROCEDURE**
- **PLAQUE THERMOISOLANTE A TROIS COUCHES ET SON PROCEDE DE FABRICATION**
- (71, 72) **DEVIC, Milan** [YU/YU]; Vojvode Stepe 251, YU-11000 Beograd (YU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E04D 13/00, 3/06, 3/28, E04C 2/54**
- (11) **WO 2004/106662** (13) A1
- (21) PCT/GB2004/002067
- (22) **13 May/mai 2004 (13.05.2004)**
- (25) en (26) en
- (30) 0312549.9 **2 Jun/juin 2003 GB (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **MEANS FOR SUPPRESSION OF RAINFALL NOISE**
- **DISPOSITIF DE SUPPRESSION DU BRUIT DE PLUIE**
- (71) **QUIETGUARD LIMITED** [GB/GB]; 8 Pwll Glas, Mold, Flintshire, North Wales CH7 1RA (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BURDEN, Anthony, Paul** [GB/GB]; 8 Pwll Glas, Mold, Flintshire, North Wales CH7 1RA (GB).
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E04D 3/362, E04B 5/40**
- (11) **WO 2004/106661** (13) A1
- (21) PCT/AU2004/000697
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 2003902650 **28 May/mai 2003 AU (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METAL DECKING**
- **SUPPORT METALLIQUE**
- (71) **BLUESCOPE STEEL LIMITED** [AU/AU]; Level 11, 120 Collins Street, Melbourne, Victoria 3000 (AU).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SECCOMBE, Campbell, John** [AU/AU]; 141 Pentecost Avenue, Turramurra, New South Wales 2074 (AU).
- (74) **GRIFFITH HACK**; GPO Box 4164, Sydney, New South Wales 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E04F 13/08, E04B 9/04, 1/82, E04C 2/30**
- (11) **WO 2004/106663** (13) A1
- (21) PCT/DK2003/000357
- (22) **28 May/mai 2003 (28.05.2003)**
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **FLEXIBLE COVERING SYSTEM AND CORRESPONDING MODULES FOR WALLS, CEILINGS AND OTHER BOUNDARIES**
- **SYSTEME DE RECOUVREMENT SOUPLE ET MODULES CORRESPONDANTS POUR PAROIS, PLAFONDS ET AUTRES ELEMENTS DE LIMITE**
- (71) **ART ANDERSEN A/S** [DK/DK]; G1. Kongevej 3, DK-1610 København V (DK). **FOSTER AND PARTNERS** [GB/GB]; Riverside Three, 22 Hester Road, London SW11 4AN (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KRAB, Jørn** [DK/DK]; Henrik Stefensvej 1,2.th, DK-1866 Frederiksberg C (DK). **FOSTER, Norman** [GB/GB]; Foster and Partners, Riverside Three, 22 Hester Road, London SW11 4AN (GB). **NIELSEN, Jesper** [DK/DK]; Svanemøllevvej 1, DK-2100 København Ø (DK).
- (74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Søgade 10, DK-1601 København V (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E04D 13/00, 3/06, 3/28, E04C 2/54**
- (11) **WO 2004/106662** (13) A1
- (21) PCT/GB2004/002067
- (22) **13 May/mai 2004 (13.05.2004)**
- (25) en (26) en
- (30) 0312549.9 **2 Jun/juin 2003 GB (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **MEANS FOR SUPPRESSION OF RAINFALL NOISE**
- **DISPOSITIF DE SUPPRESSION DU BRUIT DE PLUIE**
- (71) **QUIETGUARD LIMITED** [GB/GB]; 8 Pwll Glas, Mold, Flintshire, North Wales CH7 1RA (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BURDEN, Anthony, Paul** [GB/GB]; 8 Pwll Glas, Mold, Flintshire, North Wales CH7 1RA (GB).
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04F 13/08

(11) WO 2004/106664 (13) A1

(21) PCT/KR2004/001334

(22) 3 Jun/juin 2004 (03.06.2004)

(25) ko (26) en

(30) 20-2003-0017298 3 Jun/juin 2003 KR
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONSTRUCTION TILE-TYPE MATERIAL USING LIGHT SOURCE

- MATERIAU DE CONSTRUCTION DE TYPE DALLE UTILISANT UNE SOURCE LUMINEUSE

(71, 72) KIM, Sug-bae [KR/KR]; Samik New Town Apt. 207-1206, 308-11, Naedang-gong, Seo-gu, Daegu 703-060 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04F 15/02, 15/08, 13/14, 13/08, B05C 17/005

(11) WO 2004/106665 (13) A1

(21) PCT/GB2004/002295

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 0312542.4 2 Jun/juin 2003 GB
(02.06.2003)(30) 0320132.4 28 Aug/août 2003 GB
(28.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TILE, TILING ACCESSORY AND APPARATUS FOR DISPENSING ADHESIVE FOR A TILE

- CARREAU, ACCESSOIRE DE CARRELAGE ET DISTRIBUTEUR D'ADHESIF POUR CARREAUX

(71, 72) HARRISON, Kenneth [GB/GB]; 70 Greythorn Drive, West Bridgford, Nottingham NG2 7GD (GB). HARRISON, Ruth, Mary [GB/GB]; 70 Greythorn Drive, West Bridgford, Nottingham NG2 7GD (GB).

(74) FOX-MALE, Nicholas, H.; Eric Potter Clarkson, Park View House, 58 The Rope-walk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04F 19/08

(11) WO 2004/106666 (13) A1

(21) PCT/JP2003/006570

(22) 27 May/mai 2003 (27.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HATCH STRUCTURE IN BUILDING
• STRUCTURE DE TRAPPE DANS UN BATIMENT

(71) KABUSHIKI KAISHA RENACE KENKYUSHO [JP/JP]; 2nd Floor, Takajo Renace Building, 14-16, Takajoshinmachi, Oita-shi, Oita 870-0156 (JP). KABUSHIKI KAISHA IIDA KENCHIKU SEKKEI JIMUSHO [JP/JP]; Sky Maison Gaiken 207, 6-16, Niagemachi, Oita-shi, Oita 870-0046 (JP).

(72) IIDA, Ikuo; c/o Kabushiki Kaisha Renace Kenkyusho, 2nd Floor, Takajo Renace Building, 14-16, Takajoshinmachi, Oita-shi, Oita 870-0156 (JP). OKITA, Hiroshi; c/o Kabushiki Kaisha Renace Kenkyusho, 2nd Floor, Takajo Renace Building, 14-16, Takajoshinmachi, Oita-shi, Oita 870-0156 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) CN KR.

(51)⁷ E04G 1/15, 1/22, 1/32, E04D 15/00, B25H 1/04, 1/14

(11) WO 2004/106667 (13) A1

(21) PCT/AU2004/000729

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 2003902717 2 Jun/juin 2003 AU
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PORTABLE WORK STAND
• PLATE-FORME DE TRAVAIL PORTATIVE

(71, 72) STOWERS, EtI [AU/AU]; C/-28 Paul Street, Dundas, NSW 2117 (AU).

(74) WALSH, John, Richard; C/- Walsh & Associates, 71 St Johns Road, Glebe, NSW 2037 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04G 21/18, 11/04, 11/06

(11) WO 2004/106668 (13) A1

(21) PCT/GB2004/002258

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312077.1 27 May/mai 2003 GB
(27.05.2003)(30) 0312395.7 30 May/mai 2003 GB
(30.05.2003)(30) 0320282.7 29 Aug/août 2003 GB
(29.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SUPPORT STRUCTURES
• STRUCTURES DE SUPPORT

(71, 72) PANTON, Mark [GB/GB]; 159 Carholme Road, Lincoln, Lincolnshire LN1 1RU (GB).

(74) LOVEN, Keith, James; Quantum House, 30 Tentercroft Street, Lincoln, Lincolnshire LN5 7DB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 1/00, E04B 1/348

(11) WO 2004/106669 (13) A1

(21) PCT/IB2003/002090

(22) 3 Jun/juin 2003 (03.06.2003)

(25) it (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • READY-TO-USE CONTAINERISED HOUSE
• HABITATION PRETE-A-L'EMPLOI COMPOSEE DE CONTENEURS

(71, 72) SIMONETTI, Andrea [IT/IT]; Via Carlo Zucchi 21, I-00165 Roma (IT).

(74) GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E04H 3/16, 4/12, 4/16, B01D 24/00, 25/00, 27/00, 29/00, 33/00, 35/00, 35/28
- (11) WO 2004/106670 (13) A1
- (21) PCT/US2004/014779
- (22) 10 May/mai 2004 (10.05.2004)
- (25) en (26) en
- (30) 10/442,454 21 May/mai 2003 US (21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FILTER BAG
• SAC FILTRANT
- (71) POLARIS POOL SYSTEMS, INC. [US/US]; 2620 Commerce Way, Vista, CA 92081 (US).
- (72) SILVERSTEIN, Keith, M.; 472N. Winnebago Drive, Winnebago, MO 64034-9321 (US).
- (74) LOWRY, Stuart, O. et al. / etc.; Kelly Lowry & Kelley, LLP, Suite 1650, 6320 Canoga Avenue, Woodland Hills, CA 91367 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E05B
- (11) WO 2004/106672 (13) A2
- (21) PCT/US2004/016869
- (22) 29 May/mai 2004 (29.05.2004)
- (25) en (26) en
- (30) 60/474,070 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SPRING LOCKED WRENCH
• CLE BLOQUEE PAR UN RESSORT
- (71, 72) KADY, Darren, J. [US/US]; 6001 Morgan's Glen Place, Glen Allen, VA 23059 (US). SHOWALTER, David, L. [US/US]; 3308 Ridge Road, Barbourville, VA 22923 (US). BARNES, Benny, R.; HCR 7 Box 802, Route 688, Madison, VA 22727 (US).
- (74) PARKER, SHELDON, H.; Parker & DeStefano, P.C., 300 Preston Ave, Suite 300, Charlottesville, VA 22902 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E05B 37/20, G06C 23/00
- (11) WO 2004/106673 (13) A1
- (21) PCT/CN2004/000529
- (22) 24 May/mai 2004 (24.05.2004)
- (25) zh (26) zh
- (30) 03129048.5 30 May/mai 2003 CN (30.05.2003)
- (30) 03159228.7 4 Sep/sep 2003 CN (04.09.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPLICATION METHOD OF MACHINE LOGIC, DEVICE OF MACHINE LOGIC AND DIGITAL LOCK OF MACHINE LOGIC
• PROCEDE D'UTILISATION D'UNE LOGIQUE DE MACHINE, DISPOSITIF A LOGIQUE DE MACHINE ET VERROU NUMERIQUE D'UNE LOGIQUE DE MACHINE
- (71, 72) GAO, Zhuyu [CN/CN]; 103 Room, House 116 Dormitory of Zhenhai Lianhua Co., Ningbo, Zhejiang 315207 (CN).
- (74) SHANGHAI PATENT & TRADEMARK LAW OFFICE; 435 Guiping Road, Shanghai_200233 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E05B 73/00, G09F 3/03
- (11) WO 2004/106674 (13) A1
- (21) PCT/EP2004/005867
- (22) 31 May/mai 2004 (31.05.2004)
- (25) de (26) de
- (30) 103 25 274.6 3 Jun/juin 2003 DE (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • GOODS PROTECTION DEVICE WITH A CLOSED CONTAINER
• SYSTEME DE PROTECTION DE MARCHANDISES A BOITIER FERME
- (71) SENTRONIK GMBH [DE/DE]; Südfeld 32, 59174 Kamen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIEGEL, Georg [DE/DE]; Am Südhang 12, 59192 Bergkamen (DE).
- (74) SCHNEIDER, Uwe; Holbeinstrasse 27, 59423 Unna (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ E05D

(11) WO 2004/106675 (13) A2

(21) PCT/DE2004/001089

(22) 24 May/mai 2004 (24.05.2004)

(25) de (26) de

(30) 203 08 204.4 22 May/mai 2003 DE
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOLDING DEVICE FOR SLIDING
DOORS• SUPPORT POUR PORTES COULIS-
SANTES(71, 72) LAUTERBACH, Uwe [DE/DE];
Haimendorfer Str. 28, 90571 Schwaig (DE).(74) SCHUHMANN, Albrecht; c/o Merten & Pf-
effer, Allersberger Strasse 185, 90461 Nürn-
berg (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ E05D

(11) WO 2004/106676 (13) A2

(21) PCT/IL2004/000445

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/473,148 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SUPPORTING SYSTEM FOR CLOSET
DRAWERS• SYSTEME DE SUPPORT POUR TI-
ROIRS DE PLACARD(71) HARDOOR MECHANISEM PRODC-
TION LTD [IL/IL]; 6 Barshevski St., 75363
Rishon Lezion (IL).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HALFON, Amos [IL/IL]; 218 Almog
St., 76843 Sisira (IL). HARARI, Mordechai
[IL/IL]; 53 Pinsker St., 75910 Rishon Lezion
(IL).(74) APPELFELD ZER LAW OFFICE; 29 Lil-
inblum St., 65133 Tel-aviv (IL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZDE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ E05D 3/02, 3/08

(11) WO 2004/106677 (13) A1

(21) PCT/HU2004/000057

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) P0301529 2 Jun/juin 2003 HU
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HINGE FOR DOORS AND WINDOWS,
ESPECIALLY FOOD INDUSTRY
SWINGING DOORS• CHARNIERE POUR PORTES ET FE-
NETRES, EN PARTICULIER POUR
DES PORTES BATTANTES DANS LES
INDUSTRIES ALIMENTAIRES(71, 72) SZÖRÉNYI, Csaba [HU/HU]; Mári-
avölgy utca 9, H-2040 Budaors (HU).(74) KOVÁRI, György; Advopont, Fo utca 19,
H-1011 Budapest (HU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ E05D 5/06, B65D 88/52

(11) WO 2004/106678 (13) A1

(21) PCT/GB2004/002276

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312590.3 2 Jun/juin 2003 GB
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STANDARDISED HINGE FOR FLA-
TRACK CONTAINER• CHARNIERE STANDARDISEE POUR
CONTENEUR A FOND PLAT(71, 72) CLIVE-SMITH, Martin [GB/GB];
Wootton Paddox, Leek Wootton, Warwick-
shire CV35 7QX (GB).(74) TILLBROOK, Christopher, John; Till-
brook & Co, 1 Mill Street, Warwick CV34
4HB (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ E05D 15/06

(11) WO 2004/106679 (13) A1

(21) PCT/EP2004/005606

(22) 25 May/mai 2004 (25.05.2004)

(25) de (26) de

(30) 03011954.9 27 May/mai 2003 EP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SLIDING DOOR

• PORTE COULISSANTE

(71) CABINET SCHRANKSYSTEME AG
[DE/DE]; Zum Schlicksacker 13, 50170 Ker-
pen-Buir (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) AMBROZUS, Stefan [DE/DE]; Bismar-
ckstrasse 50, 50672 Köln (DE).(74) GLAWE, Delfs, Moll; Patent- und Recht-
sanwälte, Rothenbaumschusssee 58, 20148
(DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

*(r) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)**(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB*

- (54) ● ADJUSTABLE TRACK FOR MOTOR VEHICLE WINDOW REGULATORS
- RAIL REGLABLE POUR LEVE-GLACE D'AUTOMOBILE
- (71, 72) DAUMAL CASTELLON, Melchor [ES/ES]; Diputación, 455-457, E-08013 Barcelona (ES).
- (74) MORGADOS MANONELLES, Juan Antonio; Rector Ubach, 37-39 bajos 2a, E-08021 Barcelona (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E05F 15/12
- (11) WO 2004/106686 (13) A1
- (21) PCT/EP2004/050491
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 10324322.4 27 May/mai 2003 DE (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) ● DRIVE FOR THE AUTOMATIC ACTUATION OF VEHICLE DOORS AND VEHICLE LIDS
- ENTRAINEMENT POUR L'ACTIONNEMENT AUTOMATIQUE DE PORTES OU DE TRAPPES DE VEHICULE
- (71) VALEO SICHERHEITSSYSTEME GMBH [—/DE]; Waldstrasse 2, 85253 Erdweg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHACHTL, Stephan [DE/FR]; VALEO SECURITE HABITACLE, Service Propriété Industrielle, 42, Rue le Corbusier - Europarc, F-94042 Créteil Cedex (FR). ZANG, Holger [DE/FR]; VALEO SECURITE HABITACLE, Service Propriété Industrielle, 42, Rue le Corbusier - Europarc, F-94042 Créteil Cedex (FR). GREUEL, Ingo [DE/FR]; VALEO SECURITE HABITACLE, Service Propriété Industrielle, 42, Rue le Corbusier - Europarc, F-94042 Créteil Cedex (FR).
- (74) HERVOUET, Sylvie; VALEO SECURITE HABITACLE, Service Propriété Industrielle, 42, Rue le Corbusier - Europarc, F-94042 Créteil Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E05F 15/14, 11/54, B60J 5/04, 5/06
- (11) WO 2004/106687 (13) A1
- (21) PCT/JP2004/007172
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-153036 29 May/mai 2003 JP (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) ● DRIVE DEVICE FOR OPENING/CLOSING BODY
- DISPOSITIF D'ENTRAINEMENT POUR CORPS A OUVERTURE/FERMETURE
- (71) AISIN SEIKI KABUSHIKI KAISHA [JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi, Aichi 4488650 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKADA, Hiroki [JP/JP]; 5-3, Take-nouchi, Hashime-cho, Okazaki-shi, Aichi 4440908 (JP). HOSHINO, Akinori [JP/JP]; 4-1111, Goshikien, Nisshin-shi, Aichi 4700105 (JP). NISHIMURA, Tomoaki [JP/JP]; 2-10-1, Isshiki-cho, Kariya-shi, Aichi 4480022 (JP). FUKUMOTO, Ryoichi [JP/JP]; 165-1, Mukaida, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 4580831 (JP).
- (74) KITAMURA, Shuichiro; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka 5310072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E05G 1/10
- (11) WO 2004/106688 (13) A1
- (21) PCT/KR2003/001162
- (22) 13 Jun/juin 2003 (13.06.2003)
- (25) ko (26) en
- (30) 20-2003-0017228 2 Jun/juin 2003 KR (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) ● TREASURY
- COFFRE-FORT
- (71, 72) LEE, Byeong-Gon [KR/KR]; 122-66 Ssangmun-dong, Dobong-ku, Seoul 132-030 (KR).
- (74) KIM, Yoo; Sarang International Patent & Law Office, 2-201 Taewon-building 746-15 Yeoksam-dong Kangnam-ku, Seoul 135-925 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E06B 3/58, 3/72
- (11) WO 2004/106689 (13) A2
- (21) PCT/US2004/015923
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/472,741 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) ● DOOR, METHOD OF MAKING THE DOOR AND PANEL COMPONENT MADE THEREFROM
- PORTE, PROCEDE DE FABRICATION ET COMPOSANT PANNELAIRE COMPOSE DE CETTE PORTE
- (71) MASONITE CORPORATION [US/US]; One North Dale Mabry Highway, Suite 950, Tampa, FL 33609 (US).
- (72) HORSFALL, Andrew, J.; 33 Eaton Square, Middleton Leeds, Yorkshire (GB). PAXTON, David; 70 Ashdale Road, Warmsworth, Doncaster, Yorkshire (GB). LYNCH, Steven, K.; 555 Marion Avenue, St. Charles, IL 60174-1352 (US).
- (74) BERENATO, Joseph, W., III; Liniak, Berenato & White, LLC, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E06B 3/663
- (11) WO 2004/106690 (13) A1
- (21) PCT/US2004/016559
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 60/474,061 28 May/mai 2003 US (28.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INSULATING GLASS ASSEMBLY INCLUDING A POLYMERIC SPACING STRUCTURE
• ENSEMBLE DE PANNEAUX DE VERRE ISOLANT COMPRENANT UNE STRUCTURE D'ECARTEMENT POLYMERE
- (71) H.B. FULLER LICENSING & FINANCING, INC. [US/US]; 1200 Willow Lake Blvd., Box 64683, St. Paul, MN 55164-0683 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ACEVEDO, Margarita [US/US]; 408 East Minnehaha Parkway, Minneapolis, MN 55419 (US). NGUYEN-MISRA, Mai, T. [US/US]; 1016 Arbogast Street, Shoreview, MN 55126 (US). GRAY, Kristen, A. [US/US]; 520 Court Street North, Prescott, WI 54021 (US).
- (74) STONE, Kirsten, K. et al. / etc.; 1200 Willow Lake Blvd., Box 64683, St. Paul, MN 55164-0683 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ E06B 9/00
- (11) WO 2004/106692 (13) A1
- (21) PCT/IB2004/050789
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 2003/4243 30 May/mai 2003 ZA (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BARRIER FOR SEALING AN OPENING
• BARRIERE POUR L'OBTURATION D'UNE OUVERTURE
- (71, 72) DESCHAMPS, John Alexander [ZA/GB]; 52 Thomson Drive, Crewkerne Somerset TA18 8AQ (GB).
- (74) D M KISCH INC; P O Box 781218, 2146 Sandton (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ E06B 3/82
- (11) WO 2004/106691 (13) A1
- (21) PCT/US2004/016140
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 10/443,627 22 May/mai 2003 US (22.05.2003)
- (30) 10/824,617 14 Apr/avr 2004 US (14.04.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DOOR AND METHOD OF MAKING SAME
• PORTE ET SON PROCEDE DE FABRICATION
- (71) JELD-WEN, INC. [US/US]; 3250 Lakeport Boulevard, Klamath Falls, OR 97601 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUNT, William, P. [US/US]; 1251 Camino Del Sequan, Alpine, CA 91901 (US). EDSTROM, Brian, D. [US/US]; 1304 Santa Ynez, #303, Chula Vista, CA 91913 (US). MICHIE, Michael, Charles [US/US]; 4753 Mt. Casas, San Diego, CA 92117 (US). CLAYTON, George, M. [US/US]; 30488 Lilac Road, Valley Center, CA 92082 (US). MCCLEERY, Timothy, Lee [US/US]; 11366 Creekstone Lane, San Diego, CA 92128 (US).
- (74) ALEMANNI, John, C. et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ E21B 9/00
- (11) WO 2004/106693 (13) A2
- (21) PCT/US2004/016987
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 60/473,832 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD, SYSTEM, AND APPARTUS OF CUTTING EARTHEN FORMATIONS AND THE LIKE
- PROCEDE, SYSTEME ET APPAREIL DE DECOUPE DE FORMATIONS TERRESTRES ET ANALOGUE
- (71) PARTICLE DRILLING, INC. [US/US]; 808 Travis, Suite 850, Houston, TX 77002 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TIBBITTS, Gordon [US/US]; 3121 West Directors Row, Salt Lake City, UT 84104-4554 (US).
- (74) AMATONG, Alberto, Q., Jr.; The Morris Law Firm, P.C., 10260 Westheimer, Suite 360, Houston, TX 77042 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ E21B 21/10, 34/14
- (11) WO 2004/106694 (13) A1
- (21) PCT/GB2004/002261
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 0312180.3 28 May/mai 2003 GB (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PRESSURE CONTROLLED DOWN-HOLE OPERATIONS
• OPERATIONS DE FOND COMMANDEES PAR PRESSION
- (71) SPECIALISED PETROLEUM SERVICES GROUP LIMITED [GB/GB]; Arnhall Business Park, Westhill, Aberdeen AB32 6UF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TELFER, George [GB/GB]; 19 Grosvenor Place, Aberdeen AB25 2RE (GB).
- (74) KENNEDYS PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (74) RIDDLE, Albert, J. et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ E21D 21/00, 20/02
- (11) WO 2004/106700 (13) A1
- (21) PCT/AU2004/000736
- (22) 3 Jun/juin 2004 (03.06.2004)
- (25) en (26) en
- (30) 2003902774 3 Jun/juin 2003 AU (03.06.2003)
- (30) 2004900773 16 Feb/fév 2004 AU (16.02.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ROCKBOLT
- BOULON D'ANCRAGE
- (71) DUNEFIRE PTY LTD [AU/AU]; 285 Cordeaux Road, Mt Kembla, New South Wales 2526 (AU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEEDSMAN, Ross [AU/AU]; c/o 285 Cordeaux Road, Mt Kembla, New South Wales 2526 (AU).
- (74) PHILLIPS ORMONDE & FITZ-PATRICK; Level 21, 367 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ F01L 7/00
- (11) WO 2004/106701 (13) A1
- (21) PCT/US2004/016883
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 10/447,545 28 May/mai 2003 US (28.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SEMI-ROTATING VALVE ASSEMBLY FOR USE WITH AN INTERNAL COMBUSTION ENGINE
- ENSEMBLE A TIROIR SEMI-ROTATIF A UTILISER DANS UN MOTEUR A COMBUSTION INTERNE
- (71) DRAGON AMERICA MOTOR TECHNOLOGIES, INC. [US/US]; 1479 Tyler Park Way, Mountain View, CA 94040 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CRALL, Craig, W. [US/US]; 140 Las Astatas Drive, Los Gatos, CA 95032 (US).
- (74) ROWLAND, Mark, D. et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ F01N 3/02, B01D 39/20, 46/00
- (11) WO 2004/106702 (13) A1
- (21) PCT/JP2004/006424
- (22) 6 May/mai 2004 (06.05.2004)
- (25) ja (26) ja
- (30) 2003-128388 6 May/mai 2003 JP (06.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)

- (54) • HONEYCOMB STRUCTURE BODY
- CORPS A STRUCTURE EN NID D'ABEILLES
- (71) IBIDEN CO. LTD. [JP/JP]; 1, Kandacho 2-chome, Ogaki-shi, Gifu, 5038004 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMADA, Keiji [JP/JP]; c/o IBIDEN CO., LTD. Ogakikita Kojo, 1-1, Kitagata, Ibi-gawacho, Ibi-gun, Gifu, 5010695 (JP).
- (74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG. 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka, 5320011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ F01N 3/02, F02D 9/02, 41/04
- (11) WO 2004/106703 (13) A1
- (21) PCT/JP2004/007254
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-151113 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • EXHAUST GAS CLEANING SYSTEM
- SYSTEME D'EPURATION DES GAZ D'ECHAPPEMENT
- (71) ISUZU MOTORS LIMITED [JP/JP]; 26-1, Minami-Ohi 6-chome, Shinagawa-ku, Tokyo 1408722 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GABE, Masashi [JP/JP]; c/o Isuzu Motors Limited, Fujisawa factory, 8, Tsuchidana, Fujisawa-shi, Kanagawa 2528501 (JP).
- TASHIRO, Yoshihisa [JP/JP]; c/o Isuzu Motors Limited, Fujisawa factory, 8, Tsuchidana, Fujisawa-shi, Kanagawa 2528501 (JP).
- (74) OGAWA, Shin-ichi et al. / etc.; Ogawa, Noguchi & Saika, International Patent Office, Toranomom 11 Mori Building, 6-4, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 3/037

(11) WO 2004/106704 (13) A1

(21) PCT/KR2003/001049

(22) 28 May/mai 2003 (28.05.2003)

(25) ko (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● EXHAUST REGULATING UNIT OF EXHAUST SYTEM FOR INTERNAL COMBUSTION ENGINE

- UNITE DE REGULATION DE GAZ D'ÉCHAPPEMENT DE SYSTEME D'ÉCHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE

(71) DAS [KR/KR]; 12-2 Gooco-ri, Oydong-cup, Kyeongjoo-city, Kyeongsangbook-do 780-820 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) WOO, Han-Soek [KR/KR]; 7104 High-Tech VentureHall, 53-3 Eoen-dong, Yusong-gu, Daejon 305-333 (KR).

(74) PARK, Young-II; Hyundai Life Insurance BLDG., 5F., 649-14 Yoksam-Dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 7/16, 3/28, C04B 35/80, F01N 7/08, 7/18

(11) WO 2004/106705 (13) A1

(21) PCT/EP2004/005263

(22) 17 May/mai 2004 (17.05.2004)

(25) de (26) de

(30) 103 25 030.1 2 Jun/juin 2003 DE (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● VEHICLE EXHAUST SYSTEM

- DISPOSITIF D'ÉCHAPPEMENT D'UN VEHICULE

(71) DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT [DE/DE]; Porscheplatz 1, 70435 Stuttgart (DE). HEINRICH GILLET GMBH [DE/DE]; Luitpoldstrasse 83, 67477 Edenkoben (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIMERT, Günter [DE/DE]; Köhlerstrasse 13/1, 75323 Bad Wildbad (DE). SCHORN, Jürgen [DE/DE]; Fontanestrasse

8, 71277 Rutesheim (DE). RICKERT-SEN, Jürgen [DE/DE]; Im Hänseelgarten 15, 67466 Lambrecht (DE). REUTHER, Georg [DE/DE]; Hauptstrasse 132, 76869 Hochstadt (DE). HELBIG, Rainer [DE/DE]; Speyerer Strasse 111, 67177 Limburgerhof (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 11/00

(11) WO 2004/106706 (13) A1

(21) PCT/US2003/015334

(22) 15 May/mai 2003 (15.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● METHOD FOR ACCELERATED AGING OF CATALYTIC CONVERTERS INCORPORATING ENGINE COLD START SIMULATION

- PROCEDE DE VIEILLISSEMENT ACCELERARE DE CONVERTISSEURS CATALYTIQUES FAISANT INTERVENIR UNE SIMULATION DE DEMARRAGE A FROID

(71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78238-5166 (US).

(72) WEBB, Cythia, C.; 5223 Timberhurst, San Antonio, TX 78250 (US). BYKOWSKI, Bruce, B.; 8 Cove Creek, San Antonio, TX 78254 (US). BARTLEY, Gordon, J.; 8823 Silent Stream, San Antonio, TX 78250 (US).

(74) MORRIS, Paula, D.; Paula D. Morris & Associates, P.C., Suite 360, 10260 Westheimer, Houston, TX 77042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01P 11/10, 5/06, B60K 11/04, E02F 9/00

(11) WO 2004/106708 (13) A1

(21) PCT/JP2004/007734

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-151517 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● CONSTRUCTION MACHINE ENGINE ROOM CONSTRUCTION AND CONSTRUCTION MACHINE COOLING DEVICE

- CONFIGURATION D'UN COMPARTIMENT MOTEUR D'UN ENGIN DE TERRASSEMENT ET DISPOSITIF DE REFROIDISSEMENT D'UN ENGIN DE TERRASSEMENT

(71) SHIN CATERPILLAR MITSUBISHI LTD. [JP/JP]; 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKAI, Makoto [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP). YAMADA, Kyoko [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP). SHIGEMOTO, Toshiyuki [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo,

(30) 2003-151516 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● ENGINE ROOM STRUCTURE OF AND COOLING DEVICE OF CONSTRUCTION MACHINE

- STRUCTURE DE CHAMBRE DE MOTEUR ET DISPOSITIF DE REFROIDISSEMENT D'UNE MACHINE DE CONSTRUCTION

(71) SHIN CATERPILLAR MITSUBISHI LTD. [JP/JP]; 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURAKAMI, Shouji [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP).

(74) SANADA, Tamotsu; Kichijoji-Hirose Building, 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01P 11/10, 5/06, B60K 11/04, E02F 9/00

(11) WO 2004/106708 (13) A1

(21) PCT/JP2004/007734

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-151517 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● CONSTRUCTION MACHINE ENGINE ROOM CONSTRUCTION AND CONSTRUCTION MACHINE COOLING DEVICE

- CONFIGURATION D'UN COMPARTIMENT MOTEUR D'UN ENGIN DE TERRASSEMENT ET DISPOSITIF DE REFROIDISSEMENT D'UN ENGIN DE TERRASSEMENT

(71) SHIN CATERPILLAR MITSUBISHI LTD. [JP/JP]; 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKAI, Makoto [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP). YAMADA, Kyoko [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP). SHIGEMOTO, Toshiyuki [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo,

- 1580097 (JP). YOKOTA, Kenichi [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP). TANAKA, Hiroya [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP). MIYAKE, Keiichi [JP/JP]; c/o SHIN CATERPILLAR MITSUBISHI LTD., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo, 1580097 (JP). YAMASHITA, Yasuo [JP/JP]; c/o SEIRYO ENGINEERING CO., LTD., 1-14, Wadamiyadouri 7-chome, Hyogo-ku, Kobe-shi, Hyogo, 6520863 (JP).
- (74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo, 1800004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F01P 11/10, 5/06, B60K 11/04, E02F 9/00
(11) WO 2004/106710 (13) A1
(21) PCT/JP2004/007760
(22) 28 May/mai 2004 (28.05.2004)
(25) ja (26) ja
(30) 2003-151519 28 May/mai 2003 JP (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CONSTRUCTION MACHINE BOTTOM GUARD, CONSTRUCTION MACHINE ENGINE ROOM CONSTRUCTION AND CONSTRUCTION MACHINE COOLING DEVICE
• GARDE INFÉRIEURE D'ENGIN DE TERRASSEMENT, SALLE DES MACHINES D'ENGIN DE TERRASSEMENT ET DISPOSITIF DE REFRIGÉRISSÉMENT D'UN ENGIN DE TERRASSEMENT
- (71) SHIN CATERPILLAR MITSUBISHI LTD. [JP/JP]; 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 1580097 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIGEMOTO, Toshiyuki [JP/JP]; c/o Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 1580097 (JP). SAKAI, Makoto [JP/JP]; c/o Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 1580097 (JP). YAMADA, Kyoko [JP/JP]; c/o Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 1580097 (JP).
- (74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 1800004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02B 53/02, F01C 1/07
(11) WO 2004/106712 (13) A1
(21) PCT/RU2004/000183
(22) 12 May/mai 2004 (12.05.2004)
(25) ru (26) ru
(30) 2003116090 30 May/mai 2003 RU (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • VANE-TYPE ROTARY INTERNAL COMBUSTION ENGINE (VARIANTS), A BLADE-SWINGING MECHANISM, UNIT OF BLADE SEALING ELEMENTS AND A BEARING SUPPORT FOR SAID BLADE SWINGING MECHANISM
• MOTEUR À COMBUSTION INTERNE DE TYPE A PALES ET ROTOR (ET VARIANTES), PROCÉDE D'OSCILLATION DES PALES, UNITÉ DE GARNITURES DES PALES ET SUPPORT À ROULEMENT DU MÉCANISME D'OSCILLATION DES PALES
- (71, 72) SAVIN, Georgiy Alekseevich [RU/RU]; ul. Stroitelei, 11-1-57, Moscow, 119311 (RU). SAVIN, Aleksey Georgievich [RU/RU]; ul. Tverskaya, 12-139, Moscow, 103009 (RU). SAVIN, Andrey Georgievich [RU/RU]; ul. Stroitelei, 11-1-57, Moscow, 119311 (RU). BERDNIKOVA, Tamara Serafimovna [RU/RU]; ul. Stroitelei, 11-1-57, Moscow, 119311 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
-
- (51)⁷ F02B 37/00, C23C 26/00, 26/02, 4/18, 24/08, 24/10
(11) WO 2004/106711 (13) A1
(21) PCT/EP2004/004540
(22) 29 Apr/avr 2004 (29.04.2004)
(25) de (26) de

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F02B 75/00, F01B 17/02, F02D 17/02

- (11) WO 2004/106713 (13) A1
(21) PCT/GB2004/002268
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 0312201.7 28 May/mai 2003 GB (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • AN ENGINE WITH A PLURALITY OF OPERATING MODES INCLUDING OPERATION BY COMPRESSED AIR
• MOTEUR POURVU D'UNE PLURALITE DE MODES DE FONCTIONNEMENT, Y COMPRIS, UN MODE DE FONCTIONNEMENT A AIR COMPRIME
(71) LOTUS CARS LIMITED [GB/GB]; Hethel, Norwich, Norfolk NR14 8EZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TURNER, James, William, Griffith [GB/GB]; 11 Herb Robert Glade, Wymondham, Norfolk NR18 0XS (GB). ALLEN, Jeffrey; 4 Sheppard Way, Attleborough, Norfolk NR17 2DG (GB).
(74) PLUCKROSE, Anthony, William et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ F02B 75/02, 23/10, F01M 3/02, F02B 25/14

- (11) WO 2004/106714 (13) A1
(21) PCT/EP2004/005556
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) PZ03A000001 29 May/mai 2003 IT (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • TWO CYCLE INTERNAL COMBUSTION ENGINE WITH DIRECT FUEL INJECTION COMBUSTION SYSTEM
• MOTEUR A COMBUSTION INTERNE DEUX TEMPS CYCLE EQUIPE D'UN SYSTEME DE COMBUSTION A INJECTION DIRECTE
(71, 72) NINO, Enrico [IT/IT]; Via G. Mazzini, 17, I-85100 Potenza PZ (IT).
(74) ARENA, Giovanni; Viale Certosa 135, I-20151 Milano (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :**
(u) for / pour US only / seulement

(51)⁷ F02B 75/02, 41/00, 75/32, F01L 11/02, F02B 33/08, 27/00

- (11) WO 2004/106715 (13) A1
(21) PCT/EP2004/005713
(22) 27 May/mai 2004 (27.05.2004)
(25) de (26) de
(30) 103 24 007.1 27 May/mai 2003 DE (27.05.2003)
(30) 10 2004 013 461.8 18 Mar/mar 2004 DE (18.03.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • FOUR-STROKE COMBUSTION PISTON ENGINE WITH A TWO-PART CYLINDER CHAMBER
• MOTEUR A PISTON A QUATRE TEMPS A COMBUSTION COMPRENANT UNE CHAMBRE DE CYLINDRE EN DEUX PARTIES
(71, 72) ROLKA, Gerard [PL/DE]; An der Stadtmauer 6a, 35315 Homberg (DE).
(74) BÖCK TAPPE KIRSCHNER; Ludwigplatz 9, 35390 Giessen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02B 77/00, F01L 1/46, 1/047

- (11) WO 2004/106716 (13) A1
(21) PCT/BR2004/000071
(22) 20 May/mai 2004 (20.05.2004)
(25) en (26) en
(30) PI 0302062-2 30 May/mai 2003 BR (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • AN INTERNAL COMBUSTION ENGINE AND AN ENGINE HOUSING
• MOTEUR A COMBUSTION INTERNE ET CARTER-MOTEUR
(71) INTERNATIONAL ENGINES SOUTH AMERICA LTDA. [BR/BR]; Estrada dos Casas, 3155, 09840-000 São Bernardo do Campo - SP (BR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CALVITI, Caetano, M., A. [BR/BR]; Rua Dias de Toledo, 261, apto. 402, Saúde, São Paulo - SP (BR). NEVES, Fausto, Luiz, C., S. [BR/BR]; Rua Itaipu, 354 casa 5, Mirandópolis, São Paulo - SP (BR). RODRIGUES NETO, Joaquim [BR/BR]; Avenida Dino Gabriel, 59, N. Petrópolis, São Bernardo do Campo - SP (BR).

(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, 22251-040 Rio de Janeiro - RJ (BR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02C

- (11) WO 2004/106717 (13) A2
(21) PCT/US2004/014536
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/473,442 28 May/mai 2003 US (28.05.2003)

(30) 10/855,564 **28 May/mai 2004** US
(**28.05.2004**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR REDUCING TOTAL PRESSURE LOSS IN A TURBINE ENGINE

• PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LA PERTE DE PRESSION TOTALE DANS UN MOTEUR A TURBINE

(71) COMBUSTION SCIENCE & ENGINEERING, INC. [US/US]; 8940 Old Annapolis Road, Suite L, Columbia, MD 21045 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMMER, Andrew, J. [US/US]; 6408 Grateful Heart Gate, Columbia, MD 21044 (US). BATTAGLIOLI, John, I. [US/US]; 4 Knollwood Drive, Scotia, NY 12302 (US).

(74) CRESSER, Wilburn et al. / etc.; Arent Fox PLLC, 1050 Connecticut Avenue, N.W., Suite 400, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02C 3/30, F23C 9/00, F02C 6/00

(11) WO 2004/106718 (13) A1

(21) PCT/SE2004/000822

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0301585-6 **30 May/mai 2003** SE
(**30.05.2003**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD FOR OPERATION OF A GAS TURBINE GROUP

• PROCEDE DE FONCTIONNEMENT D'UN GROUPE DE TURBINES A GAZ

(71) EUROTURBINE AB [SE/SE]; P.O. Box 2037, S-612 02 Finspång (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANSSON, Hans-Erik [SE/SE]; Dunderbacksvägen 14, S-612 46 Finspång (SE). WESTERMARK, Mats [SE/SE]; Hörnåkersvägen 55, S-183 65 Täby (SE).

(74) SUNDSTRÖM, Per et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ F02D 41/02, 41/40

(11) WO 2004/106719 (13) A2

(21) PCT/FR2004/001213

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 03/06175 **22 May/mai 2003** FR
(**22.05.2003**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR CONTROLLING THE REGENERATION OF A PARTICULATE FILTER, AND INTERNAL COMBUSTION ENGINE PROVIDED WITH ONE SUCH PARTICULATE FILTER

• PROCEDE ET SYSTEME DE GESTION DE LA REGENERATION D'UN FILTRE A PARTICULES ET MOTEUR A COMBUSTION INTERNE EQUIPE D'UN TEL FILTRE A PARTICULES

(71) RENAULT S.A.S. [FR/FR]; 13-15, quai Alphonse le Gallo, F-92100 Boulogne-Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BESNARD, Jean, Jacques [FR/FR]; 10, rue Couche, F-75014 Paris (FR). CRUCHET, Jérôme [FR/FR]; 50, avenue Gabriel Péri, F-91550 Paray Vicille Poste (FR). MARCELLY, Bruno [FR/FR]; 1, rue du Frais Vallon, F-91590 Cerny (FR).

(74) ROUGEMONT, Bernard; Renault Technocentre, SCE 0267, 1, avenue du Golf, F-78288 Guyancourt (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02D 41/04, 41/14, 45/00

(11) WO 2004/106720 (13) A1

(21) PCT/JP2004/005214

(22) 12 Apr/avr 2004 (12.04.2004)

(25) ja (26) ja

(30) 2003-154236 **30 May/mai 2003** JP
(**30.05.2003**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AIR-FUEL RATIO CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE

• REGULATEUR DE RICHESSE DE MELANGE D'UN MOTEUR A COMBUSTION INTERNE

(71) KEIHIN CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 1630539 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ICHIHASHI, Satoshi [JP/JP]; c/o Keihin Corp., Kakuda Development Center, 197-1 Azanagare, Kakuda, Kakuda-City, Miyagi 9811505 (JP).

(74) FUJIMURA, Motohiko; Fujimura & Associates, Ginza-Ohno Bldg., 1-17, Tsukiji 4-chome, Chuo-ku, Tokyo 1040045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02F 1/10, F02B 77/02, C23C 4/08

(11) WO 2004/106721 (13) A1

(21) PCT/EP2004/004450

(22) 28 Apr/avr 2004 (28.04.2004)

- (25) de (26) de
(30) 103 24 279.1 **28 May/mai 2003** DE (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • CYLINDER LINER, METHOD FOR THE PRODUCTION THEREOF AND A COMBINED
• BOITE DE GLISSEMENT DE CYLINDRE, PROCEDE DE FABRICATION ET ELEMENT COMPOSITE
(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 2275, 70567 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) HAHN, Dieter [DE/DE]; Lerchenstrasse 5, 73655 Plüderhausen (DE). IZQUIERDO, Patrick [DE/DE]; Sedanstrasse 27, 89077 Ulm (DE). PRÖFROCK, Helmut [DE/DE]; Bruckwiesenweg 7, 71397 Leutenbach (DE). TRABER, Jürgen [DE/DE]; Adelsbergstrasse 6, 70736 Fellbach (DE). ZYGOR, Reinhard [DE/DE]; Bismarckstrasse 68 A, 12157 Berlin (DE).
(74) NÄRGER, Ulrike et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 1/02, F02B 19/16
(11) WO 2004/106722 (13) A2
(21) PCT/AT2004/000183
(22) 27 May/mai 2004 (27.05.2004)
(25) de (26) de
(30) GM 368/2003 **27 May/mai 2003** AT (27.05.2003)
(30) GM 503/2003 **15 Jul/juil 2003** AT (15.07.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • INTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE
(71) AVL LIST GMBH [AT/AT]; Hans-List-Platz 1, A-8020 GRAZ (AT). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) BERAN, Robert [AT/AT]; Dr. Robert Grafstr. 10/3/20, A-8010 GRAZ (AT).
(74) BABELUK, Michael; Mariahilfer Gürtel 39/17, A-1150 WIEN (AT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 27/04
(11) WO 2004/106723 (13) A1
(21) PCT/IB2004/001771
(22) 31 May/mai 2004 (31.05.2004)
(25) en (26) en
(30) 2003/4308 **2 Jun/juin 2003** ZA (02.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • A FUEL SUPPLY ACCESSORY
• ACCESSOIRE D'ALIMENTATION EN CARBURANT
(71, 72) PANDY, Roderick [ZA/ZA]; 27 Mitchell Street, Berea, Johannesburg, 2091 Gauteng Province (ZA).
(74) LEWIS, Alan; c/o Adams & Adams (Johannesburg Office), 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng Province (ZA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 47/02
(11) WO 2004/106724 (13) A1
(21) PCT/SE2004/000821
(22) 27 May/mai 2004 (27.05.2004)
(25) sv (26) en
(30) 0301556-7 **27 May/mai 2003** SE (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • FUEL INJECTOR
• INJECTEUR DE CARBURANT
(71) SCANIA CV AB (PUBL) [SE/SE]; S-151 87 Södertälje (SE). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) HOKKANEN, Vesa [SE/SE]; Mossstugan, S-640 50 Björnlunda (SE).
(74) WALDEBÄCK, Hans; Scania CV AB, Patents, S-151 87 Södertälje (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 53/04
(11) WO 2004/106725 (13) A1
(21) PCT/EP2004/005770
(22) 28 May/mai 2004 (28.05.2004)
(25) de (26) de
(30) 103 24 985.0 **3 Jun/juin 2003** DE (03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • FUEL INJECTION NOZZLE
• INJECTEUR DE CARBURANT
(71) MAN B & W DIESEL AG [DE/DE]; 86153 Augsburg (DE). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) PINKERNELL, Dietmar [DE/DE]; Frühlingstrasse 3a, 86456 Gablingen (DE). MEGGENRIEDER, Gertrud [DE/DE]; Sonnenweg 7, 86482 Aystetten (DE). STICHNOTH, Andreas [DE/DE]; Lindwurmstrasse 120, 80337 München (DE). KÖTHEN, Dirk [DE/DE]; Rauwolffstrasse 7, 86152 Augsburg (DE). YALCIN, Hakan [DE/DE]; Filchnerstrasse 33, 89231 Neu-Ulm (DE).
(74) ZACHARIAS, Frank; Stadtbachstrasse 1, 86135 Augsburg (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F02M 61/08, 61/12, 61/16, 61/04

(11) WO 2004/106726 (13) A1

(21) PCT/EP2004/050937

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 03012437.4 30 May/mai 2003 EP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VALVE NEEDLE, METERING DEVICE, AND METHOD OF CALIBRATING A METERING DEVICE

• POINTEAU DE SOUPE, DISPOSITIF DE MESURE, ET PROCÉDE D'ÉTALONNAGE D'UN DISPOSITIF DE MESURE

(71) SIEMENS VDO AUTOMOTIVE S.P.A. [IT/IT]; S. S. 206 - km 28 - Loc. Luciana, I-56040 Fauglia/Pisa (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) D'ARRIGO, Angelo [IT/IT]; Via Filangeri 28, I-57013 Rosignano Solvay (LI) (IT).

(74) SIEMENS VDO AUTOMOTIVE S.P.A.; Peter Berg, European Patent Attorney, Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02M 61/16, 59/46

(11) WO 2004/106727 (13) A1

(21) PCT/EP2004/050942

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 03012438.2 30 May/mai 2003 EP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INJECTOR ASSEMBLY

• ENSEMBLE D'INJECTION

(71) SIEMENS VDO AUTOMOTIVE S.P.A. [IT/IT]; S. S. 206 - km 28 - Loc. Luciana, I-56040 Fauglia/Pisa (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) D'ARRIGO, Angelo [IT/IT]; Via Filangeri 28, I-57013 Rosignano Solvay (IT).

(74) BERG, Peter; Siemens VDO Automotive S.p.A, Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02M 61/18, 61/08

(11) WO 2004/106728 (13) A1

(21) PCT/JP2004/006387

(22) 12 May/mai 2004 (12.05.2004)

(25) ja (26) ja

(30) 2003-154003 30 May/mai 2003 JP (30.05.2003)

(30) 2004-126435 22 Apr/avr 2004 JP (22.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LIQUID-JETTING VALVE

• CLAPET GICLEUR D'EAU

(71) MIKUNI CORPORATION [JP/JP]; 13-11, Sotokanda 6-chome, Chiyoda-ku, Tokyo 1010021 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIMOTO, Shogo [JP/JP]; c/o MIKUNI CORPORATION, Odawara Branch, 2480, Kuno, Odawara-shi, Kanagawa 2500055 (JP).

(74) YASHIMA, Keiichi; Room NO.712, HOSOKAWA Building, 1-1 Akasaka 1-chome, Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02M 69/00, 51/06, B05B 17/06, B41J 2/045, 2/055, H01L 41/08

(11) WO 2004/106729 (13) A1

(21) PCT/JP2004/007748

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003/153318 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LIQUID JETTING SYSTEM

• SYSTEME DE PULVERISATION DE LIQUIDE

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHNISHI, Takao [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). NAMERIKAWA, Masahiko [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). HIROTA, Toshikazu [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(74) PROSPEC PATENT FIRM; 12th Floor, Nagoya-KS Building, 1-18, Taiko 3-chome, Nakamura-ku, Nagoya-shi, Aichi 453-0801 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02P

(11) WO 2004/106730 (13) A2

(21) PCT/US2004/016310

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,606 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IGNITION LEAD WITH REPLACEABLE TERMINAL CONTACT

• CONDUCTEUR D'ALLUMAGE PAR UN CONTACT DE BORNE REMPLAÇABLE

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F04B 17/04, 49/06

(11) WO 2004/106736 (13) A1

(21) PCT/FR2004/000823

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 03/06143 22 May/mai 2003 FR
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR DETECTING THE
STATE OF CHARGE OF AN ELEC-
TROMAGNETIC PUMP HAVING A
VIBRATING CORE AND PERTAINING
TO AN ELECTRICAL HOUSEHOLD
APPLIANCE

• PROCÉDE POUR DETECTER L'ETAT
DE CHARGE D'UNE POMPE ELEC-
TROMAGNETIQUE A NOYAU VI-
BRANT D'UN APPAREIL ELECTRO-
DOMESTIQUE

(71) SEB S.A. [FR/FR]; Les 4 M, Chemin du Petit
Bois, F-69130 Ecully (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAUNIER, Thierry [FR/FR]; Le Petit
Fayet, F-38540 Valencin (FR). BADOL, Pas-
cal [FR/FR]; 15, Clos de la Tour, F-69970
Chaponnay (FR).

(74) KIEHL, Hubert; SEB Développement,
Chemin du Petit Bois, B.P. 172, F-69134
Ecully Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F04B 17/04, 31/00, 53/14, 53/12, 39/08,
39/12, 35/04, F16K 15/16

(11) WO 2004/106737 (13) A1

(21) PCT/NZ2004/000108

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 526361 30 May/mai 2003 NZ
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPRESSOR IMPROVEMENTS

• AMELIORATIONS APORTEES A UN
COMPRESSEUR

(71) FISHER & PAYKEL APPLIANCES
LIMITED [NZ/NZ]; 78 Springs Road, East
Tamaki, Auckland, 1706 (NZ).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MCGILL, Ian, Campbell [NZ/NZ]; 88
Kohimarama Road, Auckland, 1005 (NZ).
BOYD JR, John, H [US/US]; 57 Forest
Hill Drive, Holland, Michigan 40424 (US).
WHITE, David, Julian [NZ/NZ]; 307A
Maxted Road, Ramarama, Auckland, 1850
(NZ). PATEL, Upesh [NZ/NZ]; 25a Quona
Avenue, Hillsborough, Auckland, 1004 (NZ).
BRUCE, Craig, Stephen [NZ/NZ]; 47
Matarangi Drive, Howick, Auckland, 1705
(NZ). READ, Timothy, Gordon [NZ/NZ];
4/161A Grey Street, Onehunga, Auckland,
1006 (NZ). OTTE, Gordon, Cameron
[NZ/NZ]; 7 Avoca Road, Howick, Auckland,
1705 (NZ). BONNIFACE, Brian, Robert
[NZ/NZ]; 470 Great South Road, Papatoetoe,
Auckland, 1701 (NZ). MALLINSON, Gor-
don, Draisey [NZ/NZ]; 43 Hawera Road,
Kohimarama, Auckland, 1005 (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park,
6th Floor Huddart Parker Building, PO Box
949, Wellington, 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F04B 17/04, 17/00, 19/00

(11) WO 2004/106738 (13) A1

(21) PCT/US2004/016018

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/443,186 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MAGNETOFLUIDDYNAMIC PUMPS
FOR NON-CONDUCTIVE FLUIDS

• POMPES MAGNETO-HYDRODY-
NAMQUES POUR FLUIDES NON
CONDUCTEURS

(71) NANOCOOLERS, INC. [US/US]; 1801 S.
MoPac Expy., Suite 200, Austin, Texas 78746
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MINER, Andrew Carl [US/US]; 9000
Wampton Way, Austin, Texas 78749 (US).
GHOSHAL, Uttam [US/US]; 10421 Indigo
Broom Loop, Austin, Texas 78733 (US).
KOLLE, Key [US/US]; 801 South Walnut
Ave., Luling, Texas 78648 (US).

(74) OBRIEN, David, W. et al. / etc.; ZAGORIN
OBRIEN & GRAHAM LLP, 7600B N. Cap-
ital of Texas Hwy., Suite 350, Austin, Texas
78731 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F04B 25/02

(11) WO 2004/106739 (13) A1

(21) PCT/EP2004/005651

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 103 24 597.9 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PISTON VACUUM PUMP

• POMPE A PISTON A VIDE

(71) LEYBOLD VAKUUM GMBH [DE/DE];
Bonner Str. 498, 50968 Köln (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LANGER, Peter [DE/DE]; Ringstr.
27, 33181 Bad Wünnenberg/Leiberg (DE).
HÖLZER, Rainer [DE/DE]; Lortzingstr.
93, 50354 Hürth (DE).

(74) SELTING, Günther et al. / etc.; Deich-
mannhaus am Dom, Bahnhofsvorplatz 1,
50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F04B 27/08, 39/10

(11) WO 2004/106740 (13) A1

(21) PCT/IP2003/014563

- (22) 17 Nov/nov 2003 (17.11.2003)
 (25) ja (26) ja
 (30) 2003-148610 27 May/mai 2003 JP
 (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PORT STRUCTURE OF VALVE PLATE FOR USE IN COMPRESSOR
 • STRUCTURE PERFOREE DE PLAQUE PORTE SOUPAPE QUE L'ON UTILISE DANS UN COMPRESSEUR
- (71) ZEXEL VALEO CLIMATE CONTROL CORPORATION [JP/JP]; 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UNE, Katsutaka [JP/JP]; c/o ZEXEL VALEO CLIMATE CONTROL CORPORATION, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).
- (74) ONUKI, Kazuyasu et al. / etc.; Shineimiyamasu Building 5th floor, 8-8, Shibuya 1-chome, Shibuya-ku, Tokyo 150-0002 (JP).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
 (51)⁷ F04B 41/06, 41/00, 39/14
 (11) WO 2004/106741 (13) A1
 (21) PCT/GB2004/002247
 (22) 26 May/mai 2004 (26.05.2004)
 (25) en (26) en
 (30) 0312442.7 30 May/mai 2003 GB
 (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS FOR CONNECTING TOGETHER AT LEAST TWO COMPRESSORS USED IN REFRIGERATION OR AIR CONDITIONING SYSTEMS
 • APPAREIL POUR RELIER AU MOINS DEUX COMPRESSEURS UTILISES DANS DES SYSTEMES DE REFRIGERATION OU DE CONDITIONNEMENT D'AIR
- (71) ARCTIC CIRCLE LIMITED [GB/GB]; Coldnose Court, Coldnose Road, Rotherwas Industrial Estate, Hereford HR2 6JL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GITTOES, Edwin, Arthur [GB/GB]; Upper Grove House, Sellack, Herefordshire HR9 6LZ (GB).
- (74) JONES, Graham, Henry; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ F04B 53/00
 (11) WO 2004/106743 (13) A1
 (21) PCT/GB2004/002253
 (22) 26 May/mai 2004 (26.05.2004)
 (25) en (26) en
 (30) 0312249.6 29 May/mai 2003 GB
 (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LINER RETENTION SYSTEM
 • SYSTEME DE RETENUE DE CHEMISE
- (71) SPICKET VALVES AND PUMPS LIMITED [GB/GB]; Lawpark Farm, Lochwinnoch Road, Kilmacoll, Renfrewshire PA13 4TA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KENNEDY, George, Coulter [GB/GB]; Lawpark Farm, Lochwinnoch Road, Kilmacoll, Renfrewshire PA13 4TA (GB).
- (74) KENNEDYS PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ F04C 2/10, F16B 19/00
 (11) WO 2004/106744 (13) A1
 (21) PCT/EP2004/003186
 (22) 25 Mar/mar 2004 (25.03.2004)
 (25) de (26) de
 (30) 103 25 025.5 3 Jun/juin 2003 DE
 (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • GEAR PUMP AND HOLDING ELEMENT THEREFOR
 • POMPE A ENGRENAGES ET ELEMENT DE MAINTIEN POUR CETTE DERNIERE
- (71) BRUENINGHAUS HYDROMATIK GMBH [DE/DE]; Glockeraustrasse 2, 89275 Elchingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANSCHURA, Günter [DE/DE]; Sebastian-Fischerweg 11, 89077 Ulm (DE).
 KUDERMANN, Wolfram [DE/DE]; Weihermähd 3, 89250 Senden (DE).
 SCHNIEDERJAN, Reinhold [DE/DE]; Bregenzerstr. 15, 89233 Neu-Ulm (DE).
- (74) KÖRFER, Thomas; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ F04D
 (11) WO 2004/106745 (13) A2
 (21) PCT/US2003/041604
 (22) 18 Dec/déc 2003 (18.12.2003)
 (25) en (26) en

(30) 60/435,327 19 Dec/déc 2002 US
(19.12.2002)

(30) Not furnished / 5 Dec/déc 2003 US
non communiqué (05.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BEARING PRESSURE BALANCE AP-
PARATUS
• DISPOSITIF D'EQUILIBRAGE DES
PRESSIONS S'EXERÇANT SUR UN
PALIER

(71) HONEYWELL INTERNATIONAL INC.
[US/US]; 101 Columbia Road, P.O. Box
2245, Morristown, NJ 07960 (US).

(72) CARDENAS, Alfredo; 124 Lyndon Street,
Hermosa Beach, CA 90254 (US). MCK-
ELVEY, Wilfred, G.; 5635 Mistridge Drive,
Rancho Palos Verdes, CA 90275 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell
International Inc., 101 Columbia Road, P.O.
Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ F04D 29/04, 13/06, A61M 1/10

(11) WO 2004/106746 (13) A1

(21) PCT/US2003/015155

(22) 15 May/mai 2003 (15.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PUMP WITH MAGNETIC BEARINGS
• POMPE A PALIERS MAGNETIQUES

(71, 72) DAVIS, William [US/US]; P.O. Box
1093, Dripping Springs, TX 78620 (US).
LANCISI, David [US/US]; 104 Luttrell
Court, Folsom, CA 95630 (US).

(74) DAVIS, William; P.O. Box 1093, Dripping
Springs, TX 78620 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F04D 29/26, G01M 1/30, 1/12, H02K
15/16

(11) WO 2004/106747 (13) A1

(21) PCT/FR2004/001291

(22) 25 May/mai 2004 (25.05.2004)

(25) fr (26) fr

(30) 03/06347 26 May/mai 2003 FR
(26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ROTATING ELECTRICAL MACHINE
COMPRISING A VENTILATOR
• MACHINE ELECTRIQUE TOUR-
NANTE COMPORTANT UN VENTI-
LATEUR

(71) VALEO EQUIPEMENTS ELEC-
TRIQUES MOTEUR [FR/FR]; 2, rue
André-Boulle, F-94017 Créteil Cedex (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) VASILESCU, Claudiu [RO/FR]; 2,
square Vitruve, F-75020 Paris (FR). TEL-
LIER, Richard [FR/FR]; 8, rue du Morvan,
F-75011 Paris (FR).

(74) LETEINTURIER, Pascal; Valeo
Equipements Electriques Moteur, 2, rue
André-Boulle, F-94017 Créteil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F04D 29/28

(11) WO 2004/106748 (13) A1

(21) PCT/FR2004/001180

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/06348 26 May/mai 2003 FR
(26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VENTILATION DEVICE, ESPECIALLY
FOR A MOTOR VEHICLE ALTERNA-
TOR

• DISPOSITIF DE VENTILATION, NO-
TAMENT POUR ALTERNATEUR DE
VEHICULE AUTOMOBILE

(71) VALEO EQUIPEMENTS ELEC-
TRIQUES MOTEUR [FR/FR]; 2, rue
André-Boulle, F-94017 Créteil Cedex (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) VASILESCU, Claudiu [RO/FR]; 2
Square Vitruve, F-75020 Paris (FR). TEL-
LIER, Richard [FR/FR]; 8, rue du Mor-
van, F-75011 Paris (FR). KIM, Nam-Gook
[KR/FR]; 7 rue du Maréchal Leclerc, F-94410
Saint-Maurice (FR).

(74) GAMONAL, Didier; Valeo Equipements
Electriques Moteur, 2, rue André-Boulle,
F-94017 Créteil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F04D 29/42, 29/28, H02K 9/06

(11) WO 2004/106749 (13) A1

(21) PCT/FR2004/001322

(22) 27 May/mai 2004 (27.05.2004)

(25) fr (26) fr

(30) 03/50189 27 May/mai 2003 FR
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ALTERNATOR-COOLING DEVICE
• DISPOSITIF DE REFRROIDISSEMENT
D'UN ALTERNATEUR

(71) VALEO EQUIPEMENTS ELEC-
TRIQUES MOTEUR [FR/FR]; 2, rue
André-Boulle, F-94017 Créteil Cedex (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) VASILESCU, Claudiu [RO/FR]; 2,
square Vitruve, F-75020 Paris (FR).

(74) LETEINTURIER, Pascal; Valeo
Equipements Electriques Moteur, 2, rue
André-Boulle, F-94017 Créteil Cédex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F15B 11/00

(11) WO 2004/106750 (13) A1

(21) PCT/US2004/015635

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/442,519 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLUID FLOW CONTROL VALVE ASSEMBLY WITH INDEPENDENT FEED-BACK PRESSURE

- ENSEMBLE SOUPAPE DE REGLAGE DU DEBIT D'UN FLUIDE A PRESSION DE RETOUR INDEPENDANTE

(71) ACTUANT CORPORATION [US/US]; 6100 N. Baker Rd., Glendale, WI 53209-3703 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PILI, Roger, R. [US/US]; 5133 Stage-house Trail, Madison, WI 53714 (US). DWYER, Duane, D. [US/US]; 3925 South 1st Street, Milwaukee, WI 53207 (US).

(74) RADLER, Daniel, G.; Quarles & Brady LLP, 411 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F15B 13/04

(11) WO 2004/106751 (13) A1

(21) PCT/DE2004/001044

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 24 051.9 27 May/mai 2003 DE (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PRESSURE RELIEF VALVE

- SOUPAPE DE REDUCTION DE PRESSION

(71) BOSCH REXROTH AG [DE/DE]; Heidehofstrasse 31, 70184 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EWALD, Thomas [DE/DE]; Zur Kehlspitze 8, 97816 Lohr (DE). OTTER, Walter [DE/DE]; Mühlweg 7, 97816 Lohr (DE). MEYER, Karl, Josef [DE/DE]; Trockenbachstrasse 16, 97794 Rieneck (DE). LAROZE, Gerard [FR/FR]; 10, Rue Frédéric Chopin, F-69780 Mions (FR).

(74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE; Bavariaring 10, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F15D 1/02

(11) WO 2004/106752 (13) A1

(21) PCT/US2004/015960

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,999 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FOIL FLOW RESTRICTOR AND APPARATUS AND PROCESS FOR FABRICATING THE SAME

- REDUCTEUR DE DEBIT A FEUILLE ET APPAREIL ET PROCÉDE DE FABRICATION DE CE DERNIER

(71) MYKROLIS CORPORATION [US/US]; 129 Concord Road, Billerica, MA 01821-4600 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WU, Guanghua [CN/US]; 3121 Devonshire Drive, Plano, TX 75075 (US). LOPEZ, Vincent [US/US]; 8083 Stonebrook Parkway #1207, Frisco, TX 75034 (US).

(74) ADAIR, John, L.; Sprinkle IP Law Group, P.O. Box 684767, Austin, TX 78768-4767 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16B 13/04, 37/04

(11) WO 2004/106753 (13) A1

(21) PCT/US2003/014723

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CLINCH-TYPE BLIND NUT

- ECROU BORGNE A RIVER

(71) PEM MANAGEMENT, INC. [US/US]; 300 Delaware Avenue, Suite 1225, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DISE, Ronald, S. [US/US]; 229 Irish-meetinghouse Road, Perkasi, PA 18944 (US).

(74) GORE, Gregory, J.; 70 West Oakland Avenue, Suite 316, Doylestown, Pa 18901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 13/06, 13/08, 13/00, B25D 17/00

(11) WO 2004/106754 (13) A1

(21) PCT/EP2004/005051

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 24 005.5 27 May/mai 2003 DE (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • EXPANDING ANCHOR MADE OF METAL AND PLACING TOOL THEREFOR

- ANCRE EXTENSIBLE EN METAL ET SON OUTIL DE MISE EN PLACE

(71) FISCHERWERKE ARTUR FISCHER GMBH & CO. KG [DE/DE]; Weinhalde 14-18, 72178 Waldachtal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HACKER, Oliver [DE/DE]; Marienstr. 32/1, 72160 Horb (DE). LINKA, Martin [DE/DE]; Kuglerweg 6, 72160 Horb (DE).

(74) FISCHERWERKE ARTUR FISCHER GMBH & CO. KG; Dr. Ulrich Suchy, Weinhalde 14-18, 72178 Waldachtal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(f) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ F16B 13/06

(11) WO 2004/106755 (13) A1

(21) PCT/EP2004/005169

(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 103 24 004.7 27 May/mai 2003 DE (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METAL EXPANSION ANCHOR
• ANCRE D'EXPANSION EN METAL

(71) FISCHERWERKE ARTUR FISCHER GMBH & CO. KG [DE/DE]; Weinhalde 14-18, 72178 Waldachtal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THIELEMANN, Martin [DE/AR]; Ri-oja 2840, 1636 - Olivos (BA) (AR). SCHÄFF- FER, Marc [DE/DE]; Blumenstrasse 32, 72160 Horb-Bildecchingen (DE). SEEGER, Wolfgang [DE/DE]; Silberwaldstrasse 2, 72280 Dornstetten (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(f) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ F16B 31/04, B23P 19/06

(11) WO 2004/106756 (13) A1

(21) PCT/GB2004/002257

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 0312206.6 28 May/mai 2003 GB (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HAUDRALIC FASTENER ASSEMBLY
• ENSEMBLE DE FIXATION HYDRAU- LIQUE

(71) TEAM INNOVATION LTD. [GB/GB]; 24 Forester Road, Bath BA2 6QE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRST, John [GB/GB]; 24 Forester Road, Bath BA2 6QE (GB).

(74) BARDO, Julian, Eason et al. / etc.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 19/54

(11) WO 2004/106757 (13) A1

(21) PCT/EP2004/005350

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 60/473,544 27 May/mai 2003 US (27.05.2003)

(30) 10 2004 009 648.1 27 Feb/fév 2004 DE (27.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RADIAL-AXIAL BEARING
• ENSEMBLE COMBINE PALIER RA- DIAL-PALIER AXIAL

(71) INA-SCHAEFFLER KG [DE/DE]; Indus- triestrassen 1-3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRESLEY, Ross A. [US/US]; 9021 Palau Court, Tega Cay, SC 29708 (US).

(74) INA-SCHAEFFLER KG; Industriestrasse 1-3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 29/06

(11) WO 2004/106758 (13) A1

(21) PCT/EP2004/005588

(22) 25 May/mai 2004 (25.05.2004)

(25) de (26) de

(30) 10324480.8 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LINEAR ROLLING BEARING FOR THE TRANSMISSION OF TORQUES
• PALIER A ROULEMENT LINEAIRE POUR LA TRANSMISSION DE COUPLES

(71) INA-SCHAEFFLER KG [DE/DE]; Indus- triestrassen 1-3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZERNICKEL, Alexander [DE/DE]; Sternstrasse 3, 91074 Herzogenaurach (DE).

(74) INA-SCHAEFFLER KG; Industriestrasse 1-3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 33/04

(11) WO 2004/106759 (13) A1

(21) PCT/EP2004/005898

(22) 1 Jun/juin 2004 (01.06.2004)

(25) fr (26) fr

(30) 03/06701 2 Jun/juin 2003 FR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEALED BEARING WITH ECCEN- TRICITY FOR THE GEAR MOTOR OF A WINDSCREEN WIPER MECHA- NISM
• PALIER ETANCHE A EXCENTRE- MENT POUR MOTOREDUCTEUR DE MECANISME D'ESSUIE-GLACE

(71) VALEO SYSTEMES D'ESSUYAGE [FR/FR]; Z.A. de l'Agot, B.P. 81, 8, rue Louis Lormand, 78321 La Verriere (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LORIN, Hervé [FR/FR]; 8, rue Maginot, F-86000 Poitiers (FR).

(74) LEVY-MOULIN, Béatrice; Valeo Sys- temes d'Essuyage, Z.A. de l'Agot, B.P. 81, 8, rue Louis Lormand, F-78321 La Verriere (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D

(11) WO 2004/106760 (13) A2

(21) PCT/JP2004/007658

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-003960 U 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • CLUTCH MECHANISM BODY
• MECANISME D'EMBRAYAGE

(71) SHIGEMATSU CO. [JP/JP]; 3-1, Jittyo, Tobe-cho Iyo-gun, Ehime 7912113 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIGEMATSU, Takeshi [JP/JP]; 3-1, Jittyo, Tobe-cho Iyo-gun, Ehime 7912113 (JP).

(74) KAIGUCHI, Muneaki; Shibuya IBIS BLDG., 17-3, Shibuya 2-chome, Shibuya-ku Tokyo 1500002 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D

(11) WO 2004/106761 (13) A2

(21) PCT/US2004/017222

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,858 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • TORQUE DIVIDING GEAR DRIVE SYSTEM AND METHOD OF DRIVING AN OUTPUT GEAR
• SYSTEME DE COMMANDE D'ENGRENAGES REPARTISSANT LE COUPLE ET PROCEDE POUR COMMANDER UN ENGRENAGE DE SORTIE

(71) THE BOEING COMPANY; Corporate Headquarters M/C 5003-1001, 100 North Riverside, Chicago, IL 60606-1596 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOSSLER, Robert, B. [US/US]; 2401 South Hacienda Boulevard, Apt. 233, Hacienda Heights, CA 91745 (US).

(74) MARANTIDIS, Constantine; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 13/14

(11) WO 2004/106762 (13) A1

(21) PCT/BR2003/000125

(22) 1 Sep/sep 2003 (01.09.2003)

(25) en (26) en

(30) PI0301433-9 2 Jun/juin 2003 BR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • SEMI-AUTOMATIC CENTRIFUGAL CLUTCH
• EMBRAYAGE CENTRIFUGE SEMI-AUTOMATIQUE

(71, 72) GRIGATTI, Odino [BR/BR]; Rua Dr Homem de Melo, 1109, 05007-002 Sao Paulo, SP (BR).

(81) AU CA IL JP MX RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F16D 13/74, 21/06

(11) WO 2004/106763 (13) A2

(21) PCT/EP2004/004747

(22) 5 May/mai 2004 (05.05.2004)

(25) de (26) de

(30) 103 24 467.0 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • DOUBLE-CLUTCH DRIVE
• TRANSMISSION A EMBRAYAGE DOUBLE

(71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGELN, Helmut [—/DE]; Handwerker-gasse 4, 38547 Calberlah (DE). EL-FRATH, Thomas [—/DE]; Rosmarinweg 2, 38518 Gifhorn (DE). DENECKE, Roland [—/DE]; Halberstaedter Str. 12, 38381 Jerxheim (DE).

(74) FRITZ, Edmund, Lothar et al. / etc.; Ostentor 9, 59757 Arnsberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 43/14

(11) WO 2004/106764 (13) A1

(21) PCT/CN2004/000552

(22) 27 May/mai 2004 (27.05.2004)

(25) zh (26) zh

(30) 03129049.3 29 May/mai 2003 CN (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MECHANICAL SOFT-ACTUATED COUPLING
• RACCORD MECANIQUE A ACTIONNEMENT SOUPLE

(71, 72) HONG, Zhongyuan [CN/CN]; 2-602, No. 3 Bailan Building, 115 Jichang Road, Yiwu, Zhejiang 322000 (CN). HONG, Hua [CN/CN]; 2-602, No. 3 Bailan Building, 115 Jichang Road, Yiwu, Zhejiang 322000 (CN).

(72, 75) HONG, Xia [CN/CN]; 2-602, No. 3 Bailan Building, 115 Jichang Road, Yiwu, Zhejiang 322000 (CN).

(74) WATSON & BAND LAW OFFICES; 26th/F, WenXin United Press Tower, 755 Wei Hai Road, Shanghai 200041 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations; (s) for the following designation / pour la désignation suivante : US

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ F16D 51/22

(11) WO 2004/106765 (13) A1

(21) PCT/US2004/008242

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en

(26) en

- (22) **25 May/mai 2004 (25.05.2004)**
 (25) ja (26) ja
 (30) 2003-155351 **30 May/mai 2003 JP (30.05.2003)**
 (30) 2004-148908 **19 May/mai 2004 JP (19.05.2004)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • VIBRATION DAMPING MATERIAL AND MOTION GUIDE DEVICE WHERE THE MATERIAL IS ASSEMBLED
 • MATIERE D'AMORTISSEMENT DES VIBRATIONS ET DISPOSITIF GUIDE DE MOUVEMENTS OU LA MATIERE EST ASSEMBLEE
 (71) **THK CO., LTD.** [JP/JP]; 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1410031 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MICHIOKA, Hidekazu** [JP/JP]; c/o THK Co., Ltd. 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1410031 (JP). **IIDA, Katsuya** [JP/JP]; c/o THK Co., Ltd., Kofu Works. 754, Nakadate, Tamaho-cho, Nakakoma-gun, Yamanashi, 4093801 (JP).
 (74) **ISHIKAWA, Yasuo** et al. / etc.; Park Shiba Building 4F, 17-11, Shiba 2-chome, Minato-ku, Tokyo, 1050014 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ **F16F 15/08**
 (11) **WO 2004/106771** (13) A1
 (21) PCT/JP2004/007737
 (22) **28 May/mai 2004 (28.05.2004)**
 (25) ja (26) ja
 (30) 2003-153177 **29 May/mai 2003 JP (29.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • ELASTIC SUPPORT DEVICE AND POWER STEERING DEVICE
 • DISPOSITIF SUPPORT ELASTIQUE ET DIRECTION ASSISTEE
 (71) **FAV ESS CO., LTD.** [JP/JP]; 1-18, Aza Miyama, Shinpukuji-cho, Okazaki-shi, Aichi, 4442106 (JP). **TOYODA KOKI KABUSHIKI KAISHA** [JP/JP]; 1-1, Asahi-machi, Kariya-shi, Aichi, 4488652 (JP). **KOYO SEIKO CO., LTD.** [JP/JP]; 5-8, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka, 5420081 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HAMASAKI, Yoshiaki** [JP/JP]; c/o FAVESS CO., LTD., 1-18, Aza Miyama, Shinpukuji-cho, Okazaki-shi, Aichi, 4442106 (JP). **YOSHIIHARA, Yoshihito** [JP/JP]; c/o FAVESS CO., LTD., 1-18, Aza Miyama, Shinpukuji-cho, Okazaki-shi, Aichi, 4442106 (JP). **TANIWA, Takashi** [JP/JP]; c/o FAVESS CO., LTD., 1-18, Aza Miyama, Shinpukuji-cho, Okazaki-shi, Aichi, 4442106 (JP).
 (74) **INAOKA, Kosaku** et al. / etc.; c/o AI ASSOCIATION OF PATENT AND TRADEMARK ATTORNEYS, Sun Mullion NBF Tower, 21st Floor, 6-12, Minamihommachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410054 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ **F16G 11/00**
 (11) **WO 2004/106772** (13) A2
 (21) PCT/EP2004/005540
 (22) **24 May/mai 2004 (24.05.2004)**
 (25) en (26) en
 (30) MI2003A001065 **28 May/mai 2003 IT (28.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • JUNCTION SYSTEM AND PROCEDURE FOR JOINING A FILIFORM ELEMENT TO A CONNECTION ELEMENT
 • SYSTEME D'ASSEMBLAGE ET PROCEDURE D'ASSEMBLAGE D'UN ELEMENT FILIFORME A UN ELEMENT DE CONNEXION
 (71) **TOP GLASS S.P.A.** [IT/IT]; Via Monte Suello, 18, I-25128 Brescia (IT).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BRANCA, Alfonso** [IT/IT]; Via Duccio di Boninsegna, 15, I-20145 Milano (IT).
 (74) **RAPISARDI Mariacristina**; Ufficio Brevetti Rapisardi S.r.l., Via Serbelloni, 12, I-20122 Milano (IT).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Declaration / Déclaration :
 (u) for / pour US only / seulement
 (51)⁷ **F16G 13/16**
 (11) **WO 2004/106773** (13) A1
 (21) PCT/GB2004/002287
 (22) **27 May/mai 2004 (27.05.2004)**
 (25) en (26) en
 (30) 0312361.9 **30 May/mai 2003 GB (30.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • CABLE/HOSE HAULAGE CHAIN
 • CHAINE DE TRACTION DE CABLES/TUYAUX
 (71) **MANSIGN MINING EQUIPMENT LIMITED** [GB/GB]; 100 Rolleston Drive, Arnold, Nottingham NG5 7JP (GB).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HART, Anthony, John** [GB/GB]; 44 Hunter Road, Arnold, Nottingham NG5 6QZ (GB).
 (74) **DEALTRY, Brian**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ **F16H 3/00**
 (11) **WO 2004/106774** (13) A1
 (21) PCT/FR2004/001214
 (22) **17 May/mai 2004 (17.05.2004)**
 (25) fr (26) fr
 (30) 03/06266 **23 May/mai 2003 FR (23.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • GEARBOX COMPRISING TWO CLUTCHES AND TWO MAIN SHAFTS
 • BOITE DE VITESSES A DEUX EMBRAYAGES ET A DEUX ARBRES SECONDAIRES
 (71) **RENAULT S.A.S.** [FR/FR]; 13-15, quai Alphonso le Gallo, F-92100 Boulogne Billancourt (FR).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **RAOUL, Michel** [FR/FR]; 12, allées des Amandiers, F-78990 Elancourt (FR).
 (74) **ROUGEMONT, Bernard**; Renault Technocentre, SCE 0267, 1, avenue du Golf, F-78288 Guyancourt (FR).

(72, 75) ISBITSKY, **Alexander Stanley** [CA/CA]; 4401 Wilson Avenue, Montréal, Québec H4A 2V3 (CA).

(74) OGIIVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 11/087

(11) WO 2004/106785 (13) A1

(21) PCT/EP2004/005886

(22) 1 Jun/juin 2004 (01.06.2004)

(25) de (26) de

(30) 103 24 874.9 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VALVE, IN PARTICULAR STEAM VALVE

• VANNE, EN PARTICULIER VANNE DE PRISE DE VAPEUR

(71, 72) WEINHOLD, **Karl** [DE/DE]; Im Jagdfeld 42, 41464 Neuss (DE).

(74) COHAUSZ & FLORACK (24); Bleichstrasse 14, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 15/02, 15/06, F16L 29/02

(11) WO 2004/106786 (13) A1

(21) PCT/EP2004/005117

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 24 307.0 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FAST COUPLING UNIT WITH INTEGRATED CHECK VALVE

• UNITE DE RACCORDEMENT RAPIDE POURVUE D'UNE SOUPAPE DE NON-RETOUR INTEGREE

(71) A. RAYMOND & CIE [FR/FR]; 113, cours Berriat, F-38028 Grenoble (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORETTI, **Erminio** [FR/FR]; 8, rue Clot-Bey, F-38000 Grenoble (FR). LALLEMENT, **Franck** [FR/FR]; 142, avenue Ambroise Croizat, F-38400 ST Martin D'Heres (FR). RAYMOND, **Albert** [FR/FR]; 1, chemin du Fort, F-38640 Claix (FR).

(74) RÜTTGERS, **Joachim**; A. Raymond GmbH & Co. KG, Teichstrasse 57, 79539 Lörrach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 15/14, E03C 1/10

(11) WO 2004/106787 (13) A1

(21) PCT/EP2004/005843

(22) 29 May/mai 2004 (29.05.2004)

(25) de (26) de

(30) 203 08 769.0 30 May/mai 2003 DE (30.05.2003)

(30) 103 25 388.2 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM SEPARATOR

• SEPARATEUR DE SYSTEME

(71) DELTA FLUID PRODUCTS LTD. [GB/GB]; Delta Road, St. Helens, Merseyside, WA9 2ED (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, **Stefan** [DE/DE]; Kollwitzstrasse 10, 85053 Ingolstadt (DE). KUMPF, **Willi** [DE/DE]; Wachteläckerstrasse 15, 85088 Irsching/Vohburg (DE).

(74) GLEISS, **Alf-Olav et al. / etc.**; Gleiss & Grosse, Leitzstrasse 45, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 15/14

(11) WO 2004/106788 (13) A1

(21) PCT/NL2004/000388

(22) 28 May/mai 2004 (28.05.2004)

(25) nl (26) en

(30) 1023567 28 May/mai 2003 NL (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SELF-CLOSING VALVE ASSEMBLY AND SYSTEM FOR SUPPLYING A SUBSTANCE WHICH IS PROVIDED WITH SUCH A VALVE ASSEMBLY

• ENSEMBLE SOUPAPE A FERMETURE AUTOMATIQUE ET SYSTEME D'ALIMENTATION EN SUBSTANCE DOTE D'UN TEL ENSEMBLE SOUPAPE

(71) AKZO NOBEL COATINGS INTERNATIONAL B.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAST, **Laurens** [NL/MC]; Les Ligurs (1005), 2, Rue Honore Labande, MC-98000 Monaco (MC). VAN DER MOLEN, **Peter-Jan** [NL/NL]; Kennemerstraat 5, NL-2021 EA Haarlem (NL). ZIJDERVELD, **Tim, Pepijn** [NL/NL]; Obrechtstraat 210, NL-2517 VC Den Haag (NL).

(74) SCHALKWIJK, **Pieter, Cornelis**; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 17/04

(11) WO 2004/106789 (13) A1

(21) PCT/NL2004/000374

(22) 26 May/mai 2004 (26.05.2004)

(25) nl (26) en

(30) 1023546 27 May/mai 2003 NL (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PRESSURE RELIEF VALVE

• SOUPAPE DE SURETE

(71) FLAMCO B.V. [NL/NL]; Industriestraat 6, NL-2802 AC Gouda (NL).

(71) ORBIT IRRIGATION PRODUCTS, INC. [US/US]; P.O. Box 328, Bountiful, UT 84010 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ERICKSEN, Kent, C. [US/US]; 845 North Overland Road, North Salt Lake, UT 84054 (US). SMITH, Alan, John [US/US]; 2276 South 150 East, Bountiful, UT 84010 (US). ERICKSEN, Michael, Ray [US/US]; 941 South Babbling Brook Court, Farmington, UT 84025 (US).

(74) MADSON, Craig, J.; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration : (u) for / pour US only / seulement

(51) 7 F16L 11/16, F21V 21/32

(11) WO 2004/106795 (13) A1

(21) PCT/JP2003/006826

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLEXIBLE PIPE AND METHOD FOR PRODUCING THE SAME • TUYAU SOUPLE ET PROCEDE DE FABRICATION DE CE TUYAU

(71) KOKUSAN RASENKAN CO., LTD. [JP/JP]; 204-2, Oaza Shingo, Tokorozawa-shi, Saitama 359-0016 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUYAMA, Toshiharu [JP/JP]; c/o KOKUSAN RASENKAN CO., LTD., 204-2, Oaza Shingo, Tokorozawa-shi, Saitama 359-0016 (JP). OHTA, Keizo [JP/JP]; 18-13, Ozuki, Sakae-ku, Yokohama-shi, Kanagawa 247-0027 (JP).

(74) KATAYAMA, Shuhei; Mitsui Sumitomo Marine Tepco Building, 6-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) 7 F16L 11/16

(11) WO 2004/106796 (13) A1

(21) PCT/JP2003/006827

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR PRODUCING FLEXIBLE PIPE • PROCEDE DE PRODUCTION D'UN TUYAU SOUPLE

(71) KOKUSAN RASENKAN CO., LTD. [JP/JP]; 204-2, Oaza Shingo, Tokorozawa-shi, Saitama 359-0016 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUYAMA, Toshiharu [JP/JP]; c/o KOKUSAN RASENKAN CO., LTD., 204-2, Oaza Shingo, Tokorozawa-shi, Saitama 359-0016 (JP).

(74) KATAYAMA, Shuhei; Mitsui Sumitomo Marine Tepco Building, 6-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) 7 F16L 15/06

(11) WO 2004/106797 (13) A1

(21) PCT/EP2004/005139

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 0306599 30 May/mai 2003 FR (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • THREADED TUBULAR CONNECTION WITH PROGRESSIVE AXIAL THREAD INTERFERENCE • RACCORD TUBULAIRE FILETE A ENGAGEMENT AXIAL PROGRESSIF DES FILETAGES

(71) VALLOUREC MANNESMANN OIL & GAS FRANCE [FR/FR]; 54, rue Anatole France, F-59620 Aulnoye-Aymeries (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VERGER, Eric [FR/FR]; 182, route de Quesnoy, F-59144 Gommeignies (FR). DE MONTLEBERT, Damien [FR/FR]; 15, avenue Gambetta, F-92410 Ville D'Avray (FR). THOREAU, Emeric [FR/FR]; 28, rue de la voie perdue, F-59650 Villeneuve D'Ascq (FR).

(74) ROUSSET, Jean-Claude; Cabinet Netter, 36, Avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) 7 F16L 21/02

(11) WO 2004/106798 (13) A1

(21) PCT/SE2004/000787

(22) 21 May/mai 2004 (21.05.2004)

(25) sv (26) en

(30) 0301562-5 28 May/mai 2003 SE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RUBBER STRIP FOR PARTIAL EMBEDDING INTO A CONCRETE PIPE, CONCRETE PIPE WITH PARTIALLY EMBEDDED RUBBER STRIP • BANDE EN CAOUTCHOUC DESTINEE A ETRE PARTIELLEMENT INCORPOREE DANS UNE CONDUITE EN BETON, CONDUITE EN BETON COMPRENANT LA BANDE EN CAOUTCHOUC PARTIELLEMENT INCORPOREE ET BAGUE INFERIEURE POUR MOULE A BETON SERVANT A COULER UNE CONDUITE EN BETON COMPRENANT UNE BANDE EN CAOUTCHOUC

(71) TRELLEBORG FORSHEDA BUILDING AB [SE/SE]; Box 1004, S-331 29 Värnamo (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAVKA, Elvir [SE/SE]; Törnskatevägen 4, S-331 41 Värnamo (SE).

(74) AWAPATENT AB; P.O. Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations : (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

(51)⁷ **F21S**
 (11) **WO 2004/106804** (13) A2
 (21) PCT/GB2004/002328
 (22) **1 Jun/juin 2004 (01.06.2004)**
 (25) en (26) en
 (30) 0312297.5 **29 May/mai 2003 GB**
(29.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **ILLUMINATABLE DEVICE**
 • **DISPOSITIF POUVANT ETRE ECLAIRE**
 (71, 72) **SAWITZ, Abraham [GB/GB]**; Flat 46, Windsor Court, Golders Green Road, London NW11 9PR (GB). **MORRIS, Gary, Stuart [GB/GB]**; 13 Fairway, Prestwich, Manchester M25 0JE (GB).
 (74) **ROBEY, James, Edward et al. / etc.**; Wilson Gunn Gee, Chancery House, Chancery Lane, London WC2A 1QU (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F21V 21/088, 21/14**
 (11) **WO 2004/106805** (13) A1
 (21) PCT/FR2004/001268
 (22) **21 May/mai 2004 (21.05.2004)**
 (25) fr (26) fr
 (30) 03/06205 **23 May/mai 2003 FR**
(23.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **DEVICE FOR FIXING A DETACHABLE LAMP TO A CRASH HELMET**
 • **DISPOSITIF DE FIXATION D'UNE LAMPE D'ECLAIRAGE AMOVIBLE SUR UN CASQUE DE PROTECTION**
 (71) **MSA GALLET [FR/FR]**; Zone Industrielle Sud, F-01400 Châtillon sur Chalaronne (FR). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **SCHOT, Adriaan [FR/FR]**; Le Molard, F-01400 Neuville Les Dames (FR).
 (74) **GASQUET, Denis**; Cabinet Gasquet, Les Pléiades, Park Nord-Annee, F-74370 Metz-Tessy (FR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)

(51)⁷ **F23C**
 (11) **WO 2004/106806** (13) A2
 (21) PCT/IB2004/050763
 (22) **25 May/mai 2004 (25.05.2004)**
 (25) en (26) en
 (30) 60/320,227 **28 May/mai 2003 US**
(28.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **OIL PREHEATER FOR A COMBUSTION SYSTEM**
 • **PRECHAUFFEUR D'HUILE POUR UN SYSTEME DE COMBUSTION**
 (71, 72) **BECHARD, Ryan [US/US]**; 6539 50th Ave., Chippewa Falls, Wisconsin 54729 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F23C 11/00, 9/00, F23D 23/00, F23L 15/04**
 (11) **WO 2004/106807** (13) A1
 (21) PCT/NL2004/000342
 (22) **17 May/mai 2004 (17.05.2004)**
 (25) en (26) en
 (30) 1023570 **30 May/mai 2003 NL**
(30.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **METHOD AND APPARATUS FOR THE HOMOGENEOUS OXIDATION OF A FUEL**
 • **PROCEDE ET APPAREIL D'OXYDATION HOMOGENE D'UN COMBUSTIBLE**
 (71) N.V. **NEDERLANDSE GASUNIE [NL/NL]**; Concorsostraat 17, NL-9727 KC Groningen (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SLIM, Berend, Klaas [NL/NL]**; Hoofdweg 69, NL-9615 AB Kolham (NL). **PIEPERS, Oscar [NL/NL]**; Rijksstraatweg 65, NL-9752 AC Haren (NL).
 (74) **KRIJGSMAN, Willem**; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F23G 7/04**
 (11) **WO 2004/106808** (13) A1
 (21) PCT/CA2004/000729
 (22) **17 May/mai 2004 (17.05.2004)**
 (25) en (26) en
 (30) 2,429,838 **29 May/mai 2003 CA**
(29.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **METHOD AND APPARATUS FOR A SIMPLIFIED PRIMARY AIR SYSTEM FOR IMPROVING FLUID FLOW AND GAS MIXING IN RECOVERY BOILERS**
 • **PROCEDE ET APPAREIL POUR SIMPLIFIER UN SYSTEME DE CIRCULATION D'AIR PRIMAIRE AFIN D'AMELIORER L'ECOULEMENT DE FLUIDE ET LE MELANGE DE GAZ DANS DES CHAUDIERES DE RECUPERATION**

(71) **BOILER ISLAND AIR SYSTEMS INC. [CA/CA]**; 4914 Hartwig Crescent, Nanaimo, British Columbia V9V 1R2 (CA). *(for all designated States except / pour tous les États désignés sauf US)*
 (71, 72) **MACCALLUM, Colin [CA/CA]**; 4914 Hartwig Crescent, Nanaimo, British Columbia V9V 1R2 (CA). **BLACKWELL, Brian Robin [CA/CA]**; 4680 West 11th Avenue, Vancouver, British Columbia V6R 2M7 (CA).
 (74) **MACCALLUM, Colin**; 4914 Hartwig Crescent, Nanaimo, British Columbia V9V 1R2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :
 (s) for all designations / pour toutes les désignations
 (t) for all designations / pour toutes les désignations
 (u) for / pour US only / seulement

(51)⁷ **F23R 3/00**
 (11) **WO 2004/106809** (13) A1
 (21) PCT/EP2004/004442

- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) de (26) de
- (30) 03012441.6 **30 May/mai 2003 DE (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMBUSTION CHAMBER
• CHAMBRE A COMBUSTION
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **HUTH, Michael** [DE/DE]; Ludwigstr. 25, 45239 Essen (DE). **TIEMANN, Peter** [DE/DE]; Oberdorf 14, 58452 Witten (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24D 3/14**
- (11) **WO 2004/106810** (13) A1
- (21) PCT/EP2004/005820
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) BL2003 A 000007 **30 May/mai 2003 IT (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HEATING SYSTEM WITH HEAT TRANSMISSION FLUID DISTRIBUTED IN FINISHED FLOOR BOARDS
• SYSTEME DE CHAUFFAGE AVEC DISTRIBUTION DE FLUIDE DE TRANSMISSION DE CHALEUR DANS DES PLANCHERS FINIS
- (71, 72) **DA ROLD, Adelio** [IT/IT]; Via Cavasico Inferiore, 185, I-32027 Trichiana (IT).
- (74) **BESZÉDES, Stephan, G.**; Münchener Strasse 80a, 85221 Dachau (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24F 3/14**
- (11) **WO 2004/106812** (13) A1
- (21) PCT/CN2004/000535
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) zh (26) zh
- (30) 03226657.X **2 Jun/juin 2003 CN (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A TOTAL HEAT RECOVERING VENTILATION APPARATUS FOR AN AIR CONDITIONING ROOM
• APPAREIL DE VENTILATION A RECOVERY TOTALE DE LA CHALEUR POUR PIECE A AIR CONDITIONNE
- (71) **GUANGZHOU HAIZHOU DE HUA HARDWARE MACHINE FACTORY** [CN/CN]; C11#, Nan Ji Road, Nan Ji Industrial Park, Guangzhou, Guangdong 510220 (CN).
(*for all designated States except / pour tous les États désignés sauf US*)
- (71, 72) **NAI, Suixin** [CN/CN]; C11#, Nan Ji Road, Nan Ji Industrial Park, Guangzhou, Guangdong 510220 (CN).
- (CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (*only for / seulement pour US*)
- (74) **GUANGZHOU SINO PATENT AGENT CO., LTD.**; 4th floor, No. 87, Cangbian Road, Guangzhou, Guangdong 510030 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F24F 3/14, 3/147, B01D 53/26**
- (11) **WO 2004/106813** (13) A1
- (21) PCT/JP2004/007632
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) ja (26) ja
- (30) 2003-149210 **27 May/mai 2003 JP (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HUMIDITY CONTROLLER
• REGULATEUR D'HUMIDITE
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka, 5308323 (JP).
(*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **IKEGAMI, Shuji** [JP/—] **YABU, Tomohiro** [JP/—]
- (74) **MAEDA, Hiroshi et al.** / etc.; Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F24F 3/147, B01D 53/26**
- (11) **WO 2004/106814** (13) A1
- (21) PCT/JP2004/007807
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) ja (26) ja
- (30) 2003-154514 **30 May/mai 2003 JP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)

(54) ● HUMIDITY CONTROL DEVICE
● DISPOSITIF DE REGULATION DE L'HUMIDITE

(71) DAIKIN INDUSTRIES,LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka, 5308323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUI, NobukiKAWAZOE, MasanobuYONEMOTO, Kazuo

(74) MAEDA, Hiroshi et al. / etc.; Osaka-Marubeni Bldg., 5-7, Honmachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24F 3/16, 5/00

(11) WO 2004/106815 (13) A1

(21) PCT/CN2004/000565

(22) 28 May/mai 2004 (28.05.2004)

(25) zh (26) zh

(30) 03136962.6 28 May/mai 2003 CN (28.05.2003)

(30) 03153313.2 8 Aug/août 2003 CN (08.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● A METHOD FOR IMPROVING THE AIR QUALITY IN THE LIMITED SPACE AND THE EQUIPMENT USING THEREOF

● PROCEDE DESTINE A AMELIORER LA QUALITE DE L'AIR DANS UN ESPACE CONFINE ET EQUIPEMENT ASSOCIE A CE PROCEDE

(71, 72) LIN, Loufei [CN/CN]; No.338 Ninggang WestRoad, Yueqing, Zhejiang 325600 (CN).

(74) BEIJING EAST IP PATENT AGENT LIMITED; Suite 1602, Tower E2, The Towers, Oriental Plaza, No.1, East Chang An Ave., Dongcheng District, Beijing 100738 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ F24F 3/16, A47F 3/00

(11) WO 2004/106816 (13) A1

(21) PCT/EP2004/005778

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 103 24 685.1 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● METHOD FOR TREATING THE AIR IN A DISPLAY CABINET AND DISPLAY CABINET FOR CARRYING OUT SAID METHOD

● PROCEDE POUR TRAITER L'AIR PRESENT DANS UNE VITRINE ET VITRINE POUR LA MISE EN OEUVRE DUDIT PROCEDE

(71) GLASBAU HAHN GMBH + CO. KG [DE/DE]; Hanauer Landstrasse 211, 60314 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEONHARDT, Norbert [DE/DE]; c/o Glasbau Hahn GmbH + Co.KG, Hanauer Landstrasse 211, 60314 Frankfurt am Main (DE).

(74) REICHEL, Wolfgang et al. / etc.; Reichel und Reichel, Parkstrasse 13, 60322 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for the following designation / pour la désignation suivante : US

(51)⁷ F24J 2/12

(11) WO 2004/106817 (13) A1

(21) PCT/AU2004/000699

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 2003902656 29 May/mai 2003 AU (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● COLLECTOR FOR SOLAR RADIATION

● COLLECTEUR DE RAYONNEMENT SOLAIRE

(71, 72) CONNOR, Philip, Michael [AU/AU]; 3 St Helens Avenue, Mount Kuring-Gai, NSW 2080 (AU).

(74) COLLISON & CO; 117 King William Street, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F25B 35/04, F28D 9/00

(11) WO 2004/106818 (13) A2

(21) PCT/US2004/015562

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/443,330 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) ● ADSORBER GENERATOR FOR USE IN SORPTION HEAT PUMP PROCESSES

● ADSORBEUR-GENERATEUR DESTINE A DES OPERATIONS DE POMPE A CHALEUR A SORPTION

(71) UOP LLC [US/US]; John G. Tolomei, Assistant Secretary-Patent Matters, 25 E. Algonquin Rd., P.O. Box 5017, Des Plaines, Illinois 60017-5017 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUNNE, Stephen R. [US/US]; UOP LLC, 25 E. Algonquin Rd., P.O. Box 5017, Des Plaines, Illinois 60017-5017 (US).
BRADLEY, Steven A. [US/US]; UOP LLC, 25 E. Algonquin Rd., P.O. Box 5017, Des Plaines, Illinois 60017-5017 (US).

(74) TOLOMEI, John, G.; UOP LLC, Assistant Secretary-Patent Matters, 25 E. Algonquin Rd., P.O. Box 5017, Des Plaines, Illinois 60017-5017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F41H 5/04

(11) WO 2004/106838 (13) A1

(21) PCT/CA2004/000779

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/474,519 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • UNIQUE BALLISTIC COMPOSITION
• COMPOSITION BALISTIQUE UNIQUE(71) BARRDAY, INC. [CA/CA]; 75 Moorefield Street, P.O. Box 790, Cambridge, Ontario N1R 5W6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CUNNINGHAM, David, Verlin [CA/CA]; 1310 Godwick Drive, Mississauga, Ontario L5N 7X4 (CA).

(74) STEWART, Michael, I. et al. / etc.; Sim & McBurney, 6th Floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F41H 11/16

(11) WO 2004/106839 (13) A1

(21) PCT/GB2004/002322

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 0312694.3 3 Jun/juin 2003 GB (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GROUND ROLLING SELF-PROPELLED MINE DETONATING VEHICLE

• VEHICULE AUTOMOTEUR DE ROULAGE AU SOL POUR FAIRE SAUTER LES MINES

(71, 72) REECE, Alan, Richard [GB/GB]; Woodside, The Crescent, Wylam, Northumberland NE41 8HU (GB).

(74) VINSOME, Rex, Martin; Urquhart-Dykes & Lord LLP, St Nicholas Chambers, Amen Corner, Newcastle upon Tyne NE1 1PE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F41H 11/16

(11) WO 2004/106840 (13) A1

(21) PCT/IB2004/001717

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003/4107 27 May/mai 2003 ZA (27.05.2003)

(30) 2003/6211 11 Aug/août 2003 ZA (11.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROTECTION AGAINST LANDMINE EXPLOSION

• PROTECTION CONTRE LES MINES TERRESTRES

(71) CSIR [ZA/ZA]; Scientia, 0002 Pretoria (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOYNT, Vernon, Peregrin [ZA/ZA]; 33 Golf Street, Waterkloof, 0181 Pretoria (ZA).

(74) FERREIRA, Stephanus, Cornelius; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 0001 Pretoria (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F42B

(11) WO 2004/106841 (13) A2

(21) PCT/US2004/016372

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,958 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROCESS FOR ACCESSING MUNITIONS USING FLUID JET TECHNOLOGY

• PROCEDE D'ACCES A DES MUNITIONS PAR JET DE FLUIDE

(71) GRADIENT TECHNOLOGY [US/US]; 8744 35W West Service Drive, Suite A, Blaine, MN 55449 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOETSCH, Duane, A. [US/US]; 14399 Raven Street, Andover, MN 55304 (US). SCHMIT, Steve, J. [US/US]; 14421 Quick Silver Street NW, Ramsey, MN 55303 (US). ARCURI, Kym, B. [US/US]; 11921 S. Forest Place, Jinks, OK 74037 (US). SMITH, Ryan, M. [US/US]; 4335 Briarwood Lane, Minnetonka, MN 55343 (US).

(74) NAYLOR, Henry, E. et al. / etc.; Kean, Miller, Hawthorne, D'Armond, McCowan & Jarman, n, P.O. Box, 3513, Baton Rouge, LA 70821-3513 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F42D 1/00, G21J 3/00

(11) WO 2004/106842 (13) A1

(21) PCT/RU2003/000246

(22) 29 May/mai 2003 (29.05.2003)

(25) ru (26) ru

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR SEPARATING SHOCK AND RADIOACTIVE COMPONENTS OF NUCLEAR EXPLOSION

• PROCEDE DE SEPARATION DES COMPOSANTES D'ONDES DE CHOC ET RADIOACTIVE D'UNE EXPLOSION NUCLEAIRE

(71, 72) PETROV, Oleg Viktorovich [RU/RU]; b-r Yana Rainisa, 6-3-128, Moscow, 123459 (RU).

(81) CN GB IN KP RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement(51)⁷ F42D 5/045

(11) WO 2004/106843 (13) A2

(21) PCT/FR2004/001157

(22) 12 May/mai 2004 (12.05.2004)

(25) fr (26) fr

(30) 03/06335 26 May/mai 2003 FR (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • IMPROVED ANTI-EXPLOSION SCREEN
• DISPOSITIF AMELIORE DE PA-RAVENT DE PROTECTION ANTI-EXPLOSION
- (71) SEMA [FR/FR]; 9, rue de Lens, F-92000 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAUBIE, Charles [FR/FR]; 54, boulevard Exelmans, F-75016 Paris (FR).
- (74) BUREAU D.A. CASALONGA-JOSSE; 8, avenue Percier, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01B
- (11) WO 2004/106845 (13) A2
- (21) PCT/US2004/016497
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 10/445,672 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM AND METHOD FOR SIZING A CENTER BORE OF A LAMINATED ROTOR
• SYSTEME ET PROCEDE DE CALIBRAGE D'UN ALESAGE CENTRAL D'UN ROTOR LAMINE
- (71) BRISTOL COMPRESSORS, INC. [US/US]; 15185 Industrial Park Road, Bristol, VA 24202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EDWARDS, Jerry, D. [US/US]; 23265 Pioneer Drive, Bristol, VA 24202 (US). TOLBERT, John, W. [US/US]; 204 Ramey Road, Bristol, TN 37620 (US). MONK, David, T. [US/US]; 167 Masters Court, Bristol, VA 24202 (US).
- (74) SATTIZAHN, Brian, T. et al. / etc.; Mc-Nees Wallace & Nurick LLC, 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108-1166 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01B
- (11) WO 2004/106844 (13) A2
- (21) PCT/US2004/015904
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 60/472,347 21 May/mai 2003 US (21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OSCILLATORY MOTION BASED MEASUREMENT METHOD AND SENSOR FOR MEASURING WALL SHEAR STRESS DUE TO FLUID FLOW
• PROCEDE DE MESURE A MOUVEMENT OSCILLATOIRE ET CAPTEUR POUR LA MESURE DE CONTRAINTE DE CISAILLEMENT DE PAROI PAR FLUX DE FLUIDE
- (71) UNIVERSITY OF WYOMING [US/US]; 16th and Gibbon, Laramie, WY 82071 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARMSTRONG, William, D. [US/US]; 1358 Indian Hills Drive, Laramie, WY 82072 (US). NAUGHTON, Jonathan [US/US]; 415 South 25th Street, Laramie, WY 82070 (US). LINDBERG, William, R. [US/US]; 619 South Eleventh, Laramie, WY 82070 (US).
- (74) TRACY, Emery, L.; P.O. Box 1518, Boulder, CO 80306 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.
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- (51)⁷ G01B 5/30, 5/00, G01N 3/06
- (11) WO 2004/106846 (13) A1
- (21) PCT/US2004/015891
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 60/472,631 22 May/mai 2003 US (22.05.2003)
- (30) Not furnished / 19 May/mai 2004 US non communiqué (19.05.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THREE-POINT EXTENSOMETER
• EXTENSOMETRE A TROIS POINTS
- (63) US 60/472,631 (CON) 22 May/mai 2003 (22.05.2003)
- (71) CRANE NUCLEAR, INC. [US/US]; 2825 Cobb International Boulevard, Kennesaw, GA 30152 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SMITH, Christopher, P. [US/US]; 314 Mariner Circle, Woodstock, GA 30189 (US).
- (74) ISAF, Louis, T.; Womble Carlyle Sandridge & Rice, PLLC, P.O. Box 7037, Atlanta, GA 30357-0037 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VV VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ G01B 7/06, B23B 49/00
- (11) WO 2004/106847 (13) A1
- (21) PCT/SE2004/000837
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) 60/320,244 2 Jun/juin 2003 US (02.06.2003)
- (30) 60/481,027 26 Jun/juin 2003 US (26.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND APPARATUS FOR MEASURING A DEPTH OF HOLES IN COMPOSITE-MATERIAL WORKPIECES BEING MACHINED BY AN ORBITING CUTTING TOOL
• PROCEDE ET DISPOSITIF DE MESURE DE LA PROFONDEUR DES TROUS DANS DES PIECES COMPOSITES USINEES PAR UN OUTIL DE COUPE ORBITAL
- (71) NOVATOR AB [SE/SE]; Stormbyvägen 6, S-163 55 Spånga (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ODÉN, Erik [SE/SE]; Sköldvägen 4, S-187 36 Täby (SE). PETTERSSON, Björn
-
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VV VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations*

- [SE/SE]; Morkullevägen 44, S-175 64 Järfälla (SE).
- (74) **ALBIHNS STOCKHOLM AB**; Linnégatan 2, P.O. Box 5581, S-114 85 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01B 9/02**
- (11) **WO 2004/106848** (13) A1
- (21) PCT/EP2004/050756
- (22) **11 May/mai 2004 (11.05.2004)**
- (25) de (26) de
- (30) 103 24 044.6 **27 May/mai 2003 DE (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INTERFEROMETER ARRANGEMENT AND USE OF THE INTERFEROMETER ARRANGEMENT
- DISPOSITIF INTERFEROMETRE ET UTILISATION DU DISPOSITIF INTERFEROMETRE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KREBS, Elmar** [DE/DE]; Coulmiersstr. 2, 93055 Regensburg (DE). **SCHUH, Carsten** [DE/DE]; Heideweg 9, 85598 Baldham (DE). **WOLFF, Andreas** [DE/DE]; Bajuwarenstr. 28, 81825 München (DE). **ZUMSTRULL, Claus** [DE/DE]; Zum Vogelherd 3, 93128 Regenstauf (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G01B 9/02, G01J 9/02**
- (11) **WO 2004/106849** (13) A1
- (21) PCT/RU2004/000195
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) ru (26) ru
- (30) 2003115905 **27 May/mai 2003 RU (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTICAL DEVICE FOR STUDYING AN OBJECT
- DISPOSITIF OPTIQUE POUR EXAMINER UN OBJET
- (71, 72) **GELIKONOV, Valentin Mikhailovich** [RU/RU]; ul. Geroya Bykova, 3-19, Nizhny Novgorod, 603136 (RU). **GELIKONOV, Grigory Valentinovich** [RU/RU]; ul. Geroya Bykova, 3-19, Nizhny Novgorod, 603163 (RU). **FELDCHEIN, Felix Isaakovich** [RU/US]; 6624 Aintree Park Drive, Apt. 203, Cleveland, OH 44143 (US).
- (74) **LUGINA, Berta Davidovna**; Institute of Applied Physics, RAN, ul. Ulyanova, 46, Nizhny Novgorod, 603950 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01B 11/00, 9/00**
- (11) **WO 2004/106850** (13) A1
- (21) PCT/CN2004/000519
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) zh (26) zh
- (30) 03137954.0 **1 Jun/juin 2003 CN (01.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PHOTOELECTRIC SENSOR
- CAPTEUR PHOTOELECTRIQUE
- (71, 72) **XIE, Zhiyong** [CN/CN]; P.O. Box 023702, Building 2, N0.18, Dongge Road, Nanning, Zhuang Autonomous Region, Guangxi 530022 (CN).
- (74) **LUNG TIN INTERNATIONAL INTELLECTUAL PROPERTY AGENT LTD.**; 18th Floor, Tower B, Grand Place, N0.5 Huizhong Road, Chaoyang District, Beijing 100101 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **G01B 11/24**
- (11) **WO 2004/106852** (13) A1
- (21) PCT/FI2004/050079
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) fi (26) en
- (30) 20035080 **2 Jun/juin 2003 FI (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR MEASURING THE SAGGING OF A GLASS PANEL TO BE BENT ON A RING MOULD
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG.
- (51)⁷ **G01B 11/00**
- (11) **WO 2004/106851** (13) A1
- (21) PCT/JP2004/007093
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) ja (26) ja
- (30) 2003-150939 **28 May/mai 2003 JP (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PICKUP IMAGE PROCESSING DEVICE OF ELECTRONIC PART MOUNTING DEVICE AND PICKUP IMAGE PROCESSING METHOD
- DISPOSITIF DE TRAITEMENT D'IMAGES D'ACQUISITION DE DISPOSITIF DE MONTAGE DE PIECES ELECTRONIQUES ET PROCÉDES ET DE TRAITEMENT D'IMAGES D'ACQUISITION
- (71) **FUJI MACHINE MFG.CO., LTD.** [JP/JP]; 19 Chausuyama, Yamamachi, Chiryu-shi, Aichi 4728686 (JP). **EDECLINSEYSYSTEM CO., LTD.** [JP/JP]; 331-9, Aza-Hamaike, Nishisaiwai-cho, Toyohashi-shi, Aichi 4418113 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOSHIKAWA, Kazumi** [JP/JP]; c/o EdecLinseySystem Co., Ltd., 331-9, Aza-Hamaike, Nishisaiwai-cho, Toyohashi-shi, Aichi 4418113 (JP). **NKAJIMA, Mikio** [JP/JP]; c/o EdecLinseySystem Co., Ltd., 331-9, Aza-Hamaike, Nishisaiwai-cho, Toyohashi-shi, Aichi 4418113 (JP).
- (74) **KAKO, Muneco**; MIZUNO BUILDING, 4th Floor, 9-19, Kanayama 1-chome, Naka-ku, Nagoya-shi, Aichi 4600022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- PROCEDE DE MESURE DU RAMOLLISSAGE D'UN PANNEAU DE VERRE A FLECHIR SUR UN MOULE ANNU-LAIRE
- (71) TAMGLASS LTD. OY [FI/FI]; Vehmais-tenkatu 5, FI-33730 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANHUNEN, Toivo [FI/FI]; Puusepän- tie 25 A, FI-36200 Kangasala (FI).
- (74) LEITZINGER OY; Tammasaarenkatu 1, FI-00180 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01B 11/30, G01N 21/17, G01J 3/04, 3/06
(11) WO 2004/106853 (13) A1
(21) PCT/EP2004/005446
(22) 21 May/mai 2004 (21.05.2004)
(25) de (26) de
(30) 103 24 934.6 3 Jun/juin 2003 DE (03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ASSEMBLY AND METHOD FOR IDENTIFYING COATINGS LYING ON THE SURFACE OF COMPONENTS AND FOR DETERMINING THEIR CHARACTERISTICS
• DISPOSITIF ET PROCEDE POUR RE-CONNAITRE DES COUCHES QUI SONT APPLIQUEES A LA SURFACE DE PIECES, ET DETERMINATION DE LEURS PROPRIETES
- (71) CARL ZEISS JENA GMBH [DE/DE]; Carl-Zeiss-Promenade 10, 07745 Jena (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRITSCH, Manfred [DE/DE]; Schloss- berg 7, 07751 Kleinpörschütz (DE). COR- RENS, Nico [DE/DE]; Malerstieg 2, 99425 Weimar (DE). KERSTAN, Felix [DE/DE]; Klara-Griefahn-Strasse 16, 07747 Jena (DE).
- (74) KINTZEL, Klaus-Peter; Carl Zeiss Jena GmbH, Carl-Zeiss Promenade 10, 07745 Jena (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G01B 21/04
(11) WO 2004/106854 (13) A1
(21) PCT/EP2004/004805
(22) 6 May/mai 2004 (06.05.2004)
(25) de (26) de
(30) 102 24 695.9 28 May/mai 2003 DE (28.05.2003)
(30) 103 27 867.2 18 Jun/juin 2003 DE (18.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR CALIBRATING A PROBE
• PROCEDE D'ETALONNAGE D'UN PALPEUR
- (71) CARL ZEISS INDUSTRIELLE MESSTECHNIK GMBH [DE/DE]; Carl Zeiss Strasse 22, 73447 Oberkochen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LOTZE, Werner [DE/DE]; Rudolf- Mauersberger-Strasse 1, 01309 Dresden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01C
(11) WO 2004/106855 (13) A2
(21) PCT/US2004/015920
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 60/472,746 23 May/mai 2003 US (23.05.2003)
(30) 60/476,371 9 Jun/juin 2003 US (09.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SELF-BALANCING, NO-SPIN MAG- NET COMPASS
• BOUSSOLE MAGNETIQUE A AUTO-EQUILIBRAGE EXEMPTÉ D'OSCILLATIONS
- (71) RULE INDUSTRIES, INC. [US/US]; 1 Kondelin Road, Cape Ann Industrial Park, Gloucester, MA 01930 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILKINSON, Bruce, S. [US/US]; 75 High Street, Gloucester, MA 01930 (US). WEI, Yu-Feng [—/US]; 2 Chest- nut Street, Middlesex, MA 02139 (US). BATCHELDER, Scott, K. [US/US]; 4 Plum Bush Downs, Newbury, MA 01951 (US).
- (74) GREGORY, Donald, A.; Dickstein, Shapiro & Morin & Oshinsky LLP, 2101 L Street NW, Washington, DC 20037-1526 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01C 3/06, G01B 11/00, G06T 1/00, B60R 21/00
(11) WO 2004/106856 (13) A1
(21) PCT/JP2004/007557
(22) 26 May/mai 2004 (26.05.2004)
(25) ja (26) ja
(30) 2003-152977 29 May/mai 2003 JP (29.05.2003)
(30) 2003-153450 29 May/mai 2003 JP (29.05.2003)
(30) 2003-153451 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEVICE AND METHOD OF SUPPORT- ING STEREO CAMERA, DEVICE AND METHOD OF DETECTING CALIBRA- TION, AND STEREO CAMERA SYS- TEM
• DISPOSITIF ET PROCEDE DE SUP- PORT DE CAMERA STEREO, DISPO- SITIF ET PROCEDE DE DETECTION D'ETALONNAGE, ET SYSTEME DE CAMERA STEREO
- (71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOSAKA, Akio [JP/JP] MIYOSHI, Takashi [JP/JP] IWAKI, Hidekazu [JP/JP] ARAI, Kazuhiko [JP/JP]
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)7 G01C 3/06, G01B 11/00, G06T 1/00, B60R 21/00, H04N 13/02
(11) WO 2004/106857 (13) A1
(21) PCT/JP2004/007750
(22) 28 May/mai 2004 (28.05.2004)
(25) ja (26) ja
(30) 2003-153455 29 May/mai 2003 JP (29.05.2003)
(30) 2003-153456 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • STEREO OPTICAL MODULE AND STEREO CAMERA
• MODULE OPTIQUE STEREO ET CAMERA STEREO

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYOSHI, Takashi [JP/JP]KOSAKA, Akio [JP/JP]IWAKI, Hidekazu [JP/JP]ARAI, Kazuhiko [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; C/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)7 G01C 3/06, G01B 11/00, G06T 1/00, B60R 21/00, H04N 7/18

- (11) WO 2004/106858 (13) A1
(21) PCT/JP2004/007759
(22) 28 May/mai 2004 (28.05.2004)
(25) ja (26) ja
(30) 2003-153452 29 May/mai 2003 JP (29.05.2003)
(30) 2003-153453 29 May/mai 2003 JP (29.05.2003)
(30) 2003-153454 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • STEREO CAMERA SYSTEM AND STEREO OPTICAL MODULE
• SYSTEME DE CAMERA STEREO ET MODULE OPTIQUE STEREO

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYOSHI, Takashi [JP/JP]KOSAKA, Akio [JP/JP]IWAKI, HidekazuARAI, Kazuhiko [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; C/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)7 G01C 19/72

- (11) WO 2004/106859 (13) A1
(21) PCT/US2004/016219
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 10/443,958 23 May/mai 2003 US (23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • EIGEN FREQUENCY DETECTOR FOR SAGNAC INTERFEROMETERS
• DETECTEUR DE LA FREQUENCE PROPRE POUR INTERFEROMETRES DE SAGNAC

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STANDJORD, Lee, K. [US/US]; 35 Hillcrest Drive, Tonka Bay, MN 55331 (US). DOHENY, David, A. [US/US]; 13350 US 19 North, Clearwater, FL 33764 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)7 G01C 21/26

- (11) WO 2004/106860 (13) A1
(21) PCT/JP2004/006941
(22) 21 May/mai 2004 (21.05.2004)
(25) ja (26) ja
(30) 2003-153490 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • NAVIGATION SYSTEM, METHOD AND PROGRAM
• SYSTEME, PROCEDE ET PROGRAMME DE NAVIGATION

(71) CLARION CO., LTD. [JP/JP]; 35-2, Hokusai 5-Chome, Bunkyo-ku Tokyo, 1128608 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOBIYAMA, Hiroyuki [JP/JP]; C/O CLARION CO., LTD.35-2, Hokusai 5-Chome, Bunkyo-ku Tokyo, 1128608 (JP). TAKAHASHI, Masato [JP/JP]; C/O CLARION CO., LTD. 35-2, Hokusai 5-Chome, Bunkyo-ku Tokyo, 1128608 (JP). YAHIRO, Takao [JP/JP]; C/O CLARION CO., LTD. 35-2, Hokusai 5-Chome, Bunkyo-ku Tokyo, 1128608 (JP).

(74) KIUCHI, Mitsuharu; 5th Floor, Toranomon-Yoshiara Bldg., 6-13, Nishi-Shimbashi 1-chome, Minato-ku Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 G01F

- (11) WO 2004/106861 (13) A2
(21) PCT/GB2004/002314
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 0312194.4 28 May/mai 2003 GB (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MULTIPHASE FLOWMETER
• DEBITMETRE MULTIPHASE

(71) IMPERIAL COLLEGE INNOVATIONS LTD [GB/GB]; Sheffield Building, London SW7 2AZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEWITT, Geoffrey, Frederick [GB/GB]; Falcon Cottage, Church Lane,

- Wallingford, Oxfordshire OX10 0DX (GB). **FALCONE, Gioia** [IT/GB]; Flat 4, 36 Greencroft Gardens, South Hampstead, London NW6 3LU (GB).
- (74) **COPSEY, Timothy, Graham et al.** / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01F 1/66**
- (11) **WO 2004/106863** (13) A1
- (21) PCT/JP2004/007542
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) ja (26) ja
- (30) 2003-153680 **30 May/mai 2003 JP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THERMAL FLOW SENSOR
• CAPTEUR DE FLUX THERMIQUE
- (71) **HITACHI, LTD.** [JP/JP]; 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YAMADA, Masamichi** [JP/JP]; c/o Hitachi Research Laboratory, Hitachi, Ltd., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). **WATANABE, Izumi** [JP/JP]; c/o Hitachi Car Engineering Co., Ltd., 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **NAKADA, Keiichi** [JP/JP]; c/o Automotive Systems, Hitachi, Ltd., 2520, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **HORIE, Junichi** [JP/JP]; c/o Automotive Systems, Hitachi, Ltd., 2520, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).
- (74) **KASUGA, Yuzuru**; 7th Fl., Kyodo Bldg.-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01F 1/684, G01P 13/00**
- (11) **WO 2004/106864** (13) A1
- (21) PCT/US2002/037202
- (22) **16 Dec/déc 2002 (16.12.2002)**
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THERMAL AIRFLOW SENSOR FOR AN HVAC SYSTEM
• DETECTEUR DE CIRCULATION D'AIR POUR SYSTEME DE CLIMATISATION/VENTILATION
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **LENTZ, Tracy, L.**; 250 Carlson Parkway, Apt. 206, Minnetonka, MN 55305 (US). **ROTHERING, Leisha, J.**; 5641 Vincent Avenue South, Minneapolis, MN 55410 (US). **STOUT, Mark, E.**; 18030-21st Avenue North, Plymouth, MN 55447 (US). **HAMMER, Jeffrey, M.**; 6150 Pagenkopf, Maple Plain, MN 55349 (US).
- (74) **CRISS, Roger, H. et al.** / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01F 15/06**
- (11) **WO 2004/106865** (13) A1
- (21) PCT/KR2003/002528
- (22) **21 Nov/nov 2003 (21.11.2003)**
- (25) ko (26) en
- (30) 20-2003-0016986 **30 May/mai 2003 KR (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS FOR COUNTING THE ROTATION NUMBER OF A NUMERIC WHEEL OF A METER FOR A REMOTE METERING SYSTEM
• APPAREIL PERMETTANT DE COMPTEUR LE NOMBRE DE ROTATIONS D'UNE ROUE NUMERIQUE D'UN COMPTEUR ASSOCIE A UN SYSTEME DE TELEMEASURE
- (71) **CHOIS T & M CORP** [KR/KR]; 275-1 Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).
- (72) **KIM, JooYoung**; 107-1103, Yeongpung Apt., 955, Topyeong-dong, Guri-si, 471-060 Gyeonggi-do (KR).
- (74) **PARK, HeeJin**; 401, Miele Haus Building, 607-10, Yeoksam-dong, Gangnam-gu, 135-080 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01F 23/24**
 (11) **WO 2004/106866** (13) A2
 (21) PCT/EP2004/004240
 (22) **22 Apr/avr 2004 (22.04.2004)**
 (25) de (26) de
 (30) 103 24 731.9 **31 May/mai 2003 DE (31.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **METHOD AND CIRCUIT ARRANGEMENT FOR DETECTING THE LEVEL OF A LIQUID**
 • **PROCEDE ET MONTAGE POUR DETECTER UN NIVEAU DE REMPLISSAGE DE LIQUIDE**
 (71) **BRAUN GmbH [DE/DE];** Frankfurter Strasse 145, 61476 Kronberg (DE). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **FRANKE, Michael [DE/DE];** Dahlienweg 23, 64291 Darmstadt (DE). **WOHLRABE, Frank [DE/DE];** Altenhainer Strasse 79, 65779 Kelkheim (DE).
 (74) **BRAUN GmbH;** Frankfurter Strasse 145, 61476 Kronberg (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
 (u) *for / pour US only / seulement*

(51)⁷ **G01F 23/36**
 (11) **WO 2004/106867** (13) A1
 (21) PCT/JP2004/006624
 (22) **17 May/mai 2004 (17.05.2004)**
 (25) ja (26) ja
 (30) 2003-154666 **30 May/mai 2003 JP (30.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **LIQUID LEVEL DETECTOR**
 • **DETECTEUR DU NIVEAU DE LIQUIDE**
 (71) **NIPPON SEIKI CO.,LTD. [JP/JP];** 2-34, Higashi-zaoh 2-chome, Nagaoka-shi Niigata, 9408580 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **KOIDE, Shigeki [JP/JP];** c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi Niigata, 9408580 (JP). **ENOMOTO, Kiyoshi [JP/JP];** c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi Niigata, 9408580 (JP). **SHIMAZAKI, Yoshiyuki [JP/JP];** c/o

Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi Niigata, 9408580 (JP). **KAMIMURA, Yoshihiro [JP/JP];** c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi Niigata, 9408580 (JP). **SATO, Tetsuya [JP/JP];** c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi Niigata, 9408580 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ **G01F 25/00, 1/84**
 (11) **WO 2004/106868** (13) A1
 (21) PCT/US2003/016043
 (22) **21 May/mai 2003 (21.05.2003)**
 (25) en (26) en
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **FLOW METER MONITORING AND DATA LOGGING SYSTEM**
 • **SYSTEME D'ENREGISTREMENT DE DONNEES ET DE SURVEILLANCE DE DEBITMETRE**
 (71) **MICRO MOTION, INC. [US/US];** 7070 Winchester Circle, Boulder, CO 80301 (US). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **WALKER, Jeffrey, S. [US/US];** 822 Spyglass Circle, Louisville, CO 80027 (US). **ADAMS, Robert, E. [US/US];** 3350 Cayman Place, Boulder, CO 80301 (US). **HAYS, Paul, J. [US/US];** 4091 Longhorn Drive, Lafayette, CO 80026 (US). **GRONLIE, Neal, B. [US/US];** 310 Courtney Lane, Estes Park, CO 80517 (US).
 (74) **JANSEN, Gregg, L. et al. / etc.;** DUFT SETTER OLLILA & BORNSEN LLC, 2060 Broadway, Suite 300, Boulder, CO 80302 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
 (s) *for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH*

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **G01G 11/00**
 (11) **WO 2004/106869** (13) A1
 (21) PCT/US2003/016588
 (22) **27 May/mai 2003 (27.05.2003)**
 (25) en (26) en
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **FILLING APPARATUS WITH FEED DIVERTER**
 • **APPAREIL DE REMPLISSAGE A DEROUTEUR D'ALIMENTS**
 (71, 72) **BRANDT, Robert, O., Jr. [US/US];** 541 Wayne Drive, Wilmington, NC 28403 (US).
 (74) **MACCORD, Howard, A., Jr.;** MacCord Mason PLLC., P.O. Box 2974, Greensboro, NC 27402 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01G 17/00, 9/00, G01N 22/04**
 (11) **WO 2004/106870** (13) A1
 (21) PCT/EP2004/005529
 (22) **22 May/mai 2004 (22.05.2004)**
 (25) de (26) de
 (30) 03012566.0 **3 Jun/juin 2003 EP (03.06.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • **MEASURING DEVICE FOR NON-DESTRUCTIVELY DETERMINING THE WEIGHT-IN QUANTITY IN CAPSULES**
 • **DISPOSITIF DE MESURE POUR DETERMINER DE MANIERE NON DESTRUCTIVE LA QUANTITE PESEE DANS DES GELULES**
 (71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE];** Binger Strasse 173, 55216 INGELHEIM (DE). *(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE*

- SG SK SL SY SZ TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW)
- (71) **BOEHRINGER INGELHEIM PHARMA
GMBH & CO. KG** [DE/DE]; Binger Strasse
173, 55216 INGELHEIM (DE).
(only for / seulement pour DE)
- (72, 75) **MUELLER, Hanns-Walter** [DE/DE];
Am Bangert 16 a, 55127 MAINZ (DE).
- (74) **BOEHRINGER INGELHEIM INTER-
NATIONAL GMBH**; Binger Strasse 173,
55216 INGELHEIM (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ **G01G 21/22, 19/44**
- (11) **WO 2004/106871** (13) A1
- (21) PCT/FR2004/001238
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) fr (26) fr
- (30) 03/06255 **23 May/mai 2003 FR
(23.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **WEIGHING APPARATUS AND PRO-
DUCTION METHOD THEREOF**
• **APPAREIL DE PESEE ET SON PRO-
CEDE DE FABRICATION**
- (71) **SEB S.A.** [FR/FR]; Les 4M, Chemin du Petit
Bois, F-69130 Ecully (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **LINGLIN, Benoît** [FR/FR]; Domaine de
Beccon, F-74350 Crusilles (FR). **SIMOND,
Bénédicte** [FR/FR]; Château de Conzier,
F-74150 Bloye (FR).
- (74) **KIEHL, Hubert**; SEB Développement,
Chemin du Petit Bois, B.P. 172, F-69134
Ecully Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ **G01J 3/02, 3/28**
- (11) **WO 2004/106873** (13) A1
- (21) PCT/JP2004/007781
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 2003-151415 **28 May/mai 2003 JP
(28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **PHOTODETECTOR AND SPECTROM-
ETER USING THE SAME**
• **PHOTODETECTEUR ET SPECTRO-
METRE UTILISANT CE DERNIER**
- (71) **HAMAMATSU PHOTONICS K.K.**
[JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi,
Shizuoka 4358558 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **TEICHMANN, Helmut** [DE/CH];
SPECTRO Solutions AG, Murtschenstrasse
42, CH-8048 Zurich (CH). **HILLER, Di-
etmar** [DE/CH]; SPECTRO Solutions AG,
Murtschenstrasse 42, CH-8048 Zurich (CH).
STARKER, Ulrich [DE/CH]; SPECTRO
Solutions AG, Murtschenstrasse 42, CH-8048
Zurich (CH).
- (74) **HASEGAWA, Yoshiki et al. / etc.;** SOEI
PATENT AND LAW FIRM, Ginza First
Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo
1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
- LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMP PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **G01J 3/28, G01N 21/25**
- (11) **WO 2004/106874** (13) A1
- (21) PCT/EP2003/005758
- (22) **2 Jun/juin 2003 (02.06.2003)**
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **APPARATUS AND METHODS FOR
PHOTO-ELECTRIC MEASUREMENT**
• **APPAREIL ET PROCÉDES DE ME-
SURE PHOTOELECTRIQUE**
- (71) **SENSOVATION AG** [DE/DE]; Lud-
wigshafener Str.29, 78333 Stockach (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **HING, Paul, Anthony** [US/DE]; Ueber-
lingerstr. 19, 88696 Owingen (DE).
- (74) **VOSSIUS & PARTNER**; Siebertstrasse 4,
81675 Munich (DE).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ **G01J 5/14, 5/22, 5/30, 1/44**
- (11) **WO 2004/106875** (13) A1
- (21) PCT/DE2004/001063
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) de (26) de
- (30) 103 22 860.8 **21 May/mai 2003 DE
(21.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **CIRCUIT AND METHOD FOR READ-
ING OUT ELECTRIC SIGNALS FROM
A HIGH-RESOLUTION THERMAL
SENSORS**
• **CIRCUIT ET PROCÉDE DE LECTURE
DE SIGNAUX ELECTRIQUES PROVE-
NANT DE CAPTEURS THERMIQUES
A RESOLUTION ELEVEE**

(71) X-FAB **SEMICONDUCTOR FOUNDRIES AG** [DE/DE]; Haabergstrasse 67, 99097 Erfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WENNMACHER, **Christian** [DE/DE]; T-Riemenschneider-Strasse 73, 91315 Hoechst (DE). MIKUTA, **Reinhard** [DE/DE]; Dahlienweg 12, 39218 Schoenebeck (DE). BURTE, **Edmund, P.** [DE/DE]; Pechgraben 21, 95512 Neudrossenfeld (DE).

(74) LEONHARD, **Reimund et al. / etc.**; Leonhard Olgemoeller Fricke, Postfach 10 09 62, 80083 Muenchen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SE SI SK TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ G01L 1/14, 9/14, G01G 3/14, 7/00
(11) WO 2004/106876 (13) A1
(21) PCT/EP2004/004662

(22) 3 May/mai 2004 (03.05.2004)
(25) de (26) de
(30) 103 25 390.4 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)
(54) • LOAD CELL
• CAPTEUR DYNAMOMETRIQUE

(71) BIZERBA **GMBH & CO. KG** [DE/DE]; Wilhelm-Kraut-Strasse 65, 72336 Balingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELIG, **Klaus, Peter** [DE/DE]; Untere Dorfstrasse 67, 72336 Balingen-Weilstetten (DE). WURSTER, **Klaus** [DE/DE]; Eichwasenweg 36, 72124 Pliezhausen (DE).

(74) WÖSSNER, **Gottfried et al. / etc.**; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01L 1/22, 3/14, G01B 7/16, G01G 3/14
(11) WO 2004/106877 (13) A1

(21) PCT/US2004/016102
(22) 20 May/mai 2004 (20.05.2004)
(25) en (26) en
(30) 60/472,757 22 May/mai 2003 US (22.05.2003)

(30) 10/849,429 19 May/mai 2004 US (19.05.2004)
(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPROVED FLEXURE SYSTEM FOR STRAIN-BASED INSTRUMENTS
• SYSTEME DE FLEXION AMELIORE POUR INSTRUMENTS REPENDANT A LA CONTRAINTE

(63) US 10/849,429 (CON) 19 May/mai 2004 (19.05.2004)
US 60/472,757 (CON) 22 May/mai 2003 (22.05.2003)

(71) CRANE **NUCLEAR, INC.** [US/US]; 2825 Cobb International Blvd., Kennesaw, GA 30152 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, **Christopher, P.** [US/US]; 314 Mariner Circle, Woodstock, GA 30189 (US).

(74) ISAF, **Louis, T. et al. / etc.**; Womble Carlyle Sandridge & Rice, Pllc, P.O. Box 7037, Atlanta, GA 30357-0037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01L 5/00, G01K 13/08
(11) WO 2004/106878 (13) A1

(21) PCT/DE2004/001099
(22) 26 May/mai 2004 (26.05.2004)
(25) de (26) de
(30) 103 23 889.1 27 May/mai 2003 DE (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ANTIFRICTION BEARING PROVIDED WITH POLYMER ELECTRONICS
• PALIER A ROULEMENT COMPORANT UNE ELECTRONIQUE POLY-MERE

(71) FAG **KUGELFISCHER AG** [DE/DE]; Georg-Schäfer-Strasse 30, 97421 Schweinfurt (DE). EHRFELD **MIKROTECHNIK AG** [DE/DE]; Mikroforum Ring 1, 55234 Wendelsheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EHRFELD, **Wolfgang** [DE/DE]; Mikroforum Ring 1, 55234 Wendelsheim (DE). HERBSTTRITT, **Frank** [DE/DE]; Weinheimer Landstrasse 9a, 55232 Alzey (DE). HERING, **Joachim** [DE/DE]; Hessenstrasse 49, 97078 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01L 9/00
(11) WO 2004/106879 (13) A1

(21) PCT/DE2004/001025
(22) 15 May/mai 2004 (15.05.2004)
(25) de (26) de
(30) 103 24 960.5 3 Jun/juin 2003 DE (03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CAPACITIVE PRESSURE SENSOR
• CAPTEUR DE PRESSION CAPACITIF

(71) ROBERT **BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOSSENBERG, **Heinz-Georg** [DE/DE]; Klosterstrasse 3, 72793 Pfullingen (DE). FREY, **Wilhelm** [DE/US]; Miranda 4009, Palo Alto, TX 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01L 19/08, G01P 13/00
(11) WO 2004/106880 (13) A1

(21) PCT/DK2004/000374
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) PA 2003 00817 2 Jun/juin 2003 DK (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • A PRESSURE INDICATOR
• INDICATEUR DE PRESSION
- (71) DANFOSS A/S [DK/DK]; DK-6430 Nordborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RASMUSSEN, Per, Brandt [DK/DK]; Padholm 6, DK-6440 Augustenborg (DK).
- (74) DANFOSS A/S; Patent Department, DK-6430 Nordborg (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ G01M
(11) WO 2004/106881 (13) A2
(21) PCT/EP2004/004949
(22) 10 May/mai 2004 (10.05.2004)
(25) de (26) de
(30) 103 24 766.1 31 May/mai 2003 DE (31.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LEAK RATE MEASURING DEVICE
• DISPOSITIF DE MESURE DU DEBIT DE FUITE
- (71) INFICON GMBH [DE/DE]; Bonner Strasse 498, 50968 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GERDAU, Ludolf [DE/DE]; Frankenstr. 111, 50189 Elsdorf (DE). ROLFF, Randolph [DE/DE]; Clemensstr. 30, 50169 Kerpen-Horrem (DE). KILIAN, Ralf [DE/DE]; Lotosweg 23, 50999 Köln (DE).
- (74) SELTING, Günther et al. / etc.; Deichmannhaus am Dom, 50667 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01M 3/20
(11) WO 2004/106882 (13) A1
(21) PCT/EP2004/005008
- (22) 11 May/mai 2004 (11.05.2004)
- (25) de (26) de
- (30) 103 24 596.0 30 May/mai 2003 DE (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LEAK DETECTING DEVICE
• APPAREIL DE DETECTION DE FUITE
- (71) INFICON GMBH [DE/DE]; Bonner Strasse 498, 50968 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BÖHM, Thomas [DE/DE]; Lahnstr. 42, 50859 Köln (DE). GROBE BLEY, Werner [DE/DE]; Köhlstr. 5, 53125 Bonn (DE).
- (74) SELTING, Günther et al. / etc.; Deichmannhaus am Dom, Bahnhofsvorplatz, 50667 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01M 17/007, B60R 16/02, G01M 15/00, G07C 5/00, H04Q 9/00, G08C 17/02, H04B 10/00
(11) WO 2004/106883 (13) A1
(21) PCT/US2004/017214
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/473,805 28 May/mai 2003 US (28.05.2003)
(30) 10/855,871 27 May/mai 2004 US (27.05.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • VEHICLE TAG USED FOR TRANSMITTING VEHICLE TELEMETRY DATA, SYSTEM AND METHOD FOR TRANSMITTING VEHICLE TELEMETRY DATA
• IDENTIFICATION DE VEHICULE UTILISEE POUR TRANSMETTRE DES DONNEES DE TELEMESURE DU VEHICULE ET SYSTEME ET PROCEDE PERMETTANT DE TRANSMETTRE DES DONNEES DE TELEMESURE DU VEHICULE
- (71) WHERENET CORP [US/US]; 2858 De La Cruz Blvd., Santa Clara, California 95050 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) HARRINGTON, Timothy C.; 22156 Old Santa Cruz Highway, Los Gatos, California 95033 (US). BOWMAN, Douglas; 714 Orchid Avenue, Capitola, California 95010 (US). JOHNSON, Walter; 1315 Quail Creek Circle, San Jose, California 95120 (US). BENNER, Rich; 14355 Foothill Avenue, San Martin, California 95046 (US). CAPENER, Ron; 2059 Camden Avenue, San Jose, California 95124 (US). HANG, Huang; 3144 Rasmus Circle, San Jose, California 95148 (US).
- (74) WARTHER, Richard K. et al. / etc.; 255 S. Orange Avenue, Suite 1401, Orlando, Florida 32801 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01M 19/00
(11) WO 2004/106884 (13) A1
(21) PCT/US2003/015699
(22) 16 May/mai 2003 (16.05.2003)
(25) en (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DIAPHRAGM PUMP
• POMPE A DIAPHRAGME
- (71) WANNER ENGINEERING, INC. [US/US]; 1204 Chestnut Avenue, Minneapolis, MN 55403 (US).
- (72) LEHRKE, Kenneth, E.; 6213 Yucca Lane, Maple Grove, MN 55311 (US). HEMBREE, Richard, D.; 710 Linden Road, Bellingham, WA 98229 (US).
- (74) DAIGNAULT, Ronald, A.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
(11) WO 2004/106885 (13) A2
(21) PCT/KR2003/001927
(22) 19 Sep/sep 2003 (19.09.2003)
(25) ko (26) en
(30) 10-2003-0034524 29 May/mai 2003 KR (29.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BATTERY PACK OF A MOBILE COMMUNICATION TERMINAL TO BE CAPABLE OF READING OUTPUT OF BIO-SENSORS AND SELF-DIAGNOSIS SYSTEM
- BLOC BATTERIE D'UN TERMINAL DE COMMUNICATION MOBILE CAPABLE DE LIRE LE RESULTAT DE BIOCAPTEURS ET SYSTEME D'AUTODIAGNOSTIC
- (71) HEALTHPIA CO., LTD. [KR/KR]; 2-102 Medical Instrument Industry Park, 1720-26 Taejang-dong, Wonju-si, Kangwon-do 220-120 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Min-Hwa [KR/KR]; 11-105 Hyundai Apt., Apgujeong-Dong, Gangnam-Gu, Seoul 135-110 (KR).
- (74) L & K PATENT FIRM; 701, Daekun Bldg., 822-5, Yeoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N
- (11) WO 2004/106886 (13) A2
- (21) PCT/US2003/016663
- (22) 27 May/mai 2003 (27.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHODS FOR DETECTING B. ANTHRACIS INFECTION
- METHODES DE DETECTION D'UNE INFECTION A <I>B. ANTHRACIS</I>
- (71) BIOSITE INCORPORATED [US/US]; 11030 Roselle Street, Suite D, San Diego, CA 92121 (US).
- (72) VALKIRS, Gunars, Edwin; 2893 Paseo Del Sol, Escondido, CA 92025 (US). BUECHLER, Kenneth; P. O. Box 77, Rancho Santa Fe, CA 92067 (US).
- (74) HINSCH, Matthew, E. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ G01N
- (11) WO 2004/106887 (13) A2
- (21) PCT/US2003/023505
- (22) 28 Jul/juil 2003 (28.07.2003)
- (25) en (26) en
- (30) 60/398,831 29 Jul/juil 2002 US (29.07.2002)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • QUALITY ASSURANCE/QUALITY CONTROL FOR HIGH THROUGHPUT BIOASSAY PROCESS
- PROCEDE D'ASSURANCE/CONTROLE DE QUALITE DANS DES PROCESSUS DE BIOESSAIS A FORT DEBIT
- (71) CORRELOGIC SYSTEMS, INC. [US/US]; 6701 Democracy Blvd., Bethesda, MD 20817 (US). THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPT. OF HEALTH AND HUMAN SERVICES OFFICE OF TECHNOLOGY TRANSFER-NATL INSTITUTES OF HEALTH [US/US]; 6011 Executive Blvd., Suite 325, Rockville, MD 20852 (US).
- (72) HITT, Ben; 1910 Cuire Drive, Severn, MD 20817 (US). LEVINE, Peter, J.; 9608 Sotweed Dr., Potomac, MD 20854 (US). PETRICOIN, Emanuel, F., III; 2805 Feather Ridge Ct., Dunkirk, MD 20754 (US).
- (74) TALBOT, C., Scott et al. / etc.; Cooley Godward LLP, Attn: Patent Group, 11951 Freedom Drive, One Freedom Square - Reston Town Center, Reston, VA 20190 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) WO 2004/106889 (13) A2
- (21) PCT/US2004/015980
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 60/472,613 21 May/mai 2003 US (21.05.2003)
- (30) 10/472,856 18 Sep/sep 2003 US (18.09.2003)
- (30) 60/504,099 19 Sep/sep 2003 US (19.09.2003)
- (30) 10/841,200 6 May/mai 2004 US (06.05.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PHOTOSTIMULATION METHOD AND APPARATUS IN COMBINATION WITH GLUCOSE DETERMINATION
- PROCEDE ET APPAREIL DE PHOTOSTIMULATION MIS EN OEUVRE EN ASSOCIATION A UNE DETERMINATION DU GLUCOSE
- (71) SENSYS MEDICAL, INC. [US/US]; 7470 West Chandler Blvd., Chandler, AZ 85226 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72) **BLANK, Thomas, B.**; 2922 E. Tulsa Street, Chandler, AZ 85225 (US). **MONFRE, Stephen, L.**; 1289 East Palo Blanco Way, Gilbert, AZ 85296 (US). **MAKAREWICZ, Marey**; 1375 N. Santa Ana Court, Chandler, AZ 85334 (US). **MATU, Mutua**; 119 W. Gail Drive, Gilbert, AZ 85223 (US). **HAZEN, Kevin, H.**; 1534 W. Islandia Drive, Gilbert, AZ 85233 (US). **HENDERSON, James, R.**; 7043 S. 27th Way, Phoenix, AZ 85040 (US).
- (74) **GLENN, Michael, A. et al. / etc.**; Glenn Patent Group, Suite L., 3475 Edison Way, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
(11) WO 2004/106891 (13) A2
(21) PCT/US2004/016387
(22) 24 May/mai 2004 (24.05.2004)
(25) en (26) en
(30) 60/473,202 22 May/mai 2003 US (22.05.2003)
(30) 60/516,485 31 Oct/oct 2003 US (31.10.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ULTRASENSITIVE BIOCHEMICAL SENSOR
• CAPTEUR BIOCHIMIQUE ULTRA-SENSIBLE
- (71) UNIVERSITY OF HAWAII [US/US]; 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOLM-KENNEDY, James, W.** [US/US]; 3215 Pacific Heights Road, Honolulu, Hawaii 96813 (US).
- (74) **HART, Daniel**; **KNOBBE, MARTENS, OLSON & BEAR, LLP**, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
(11) WO 2004/106890 (13) A2
(21) PCT/US2004/016003
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 60/472,879 22 May/mai 2003 US (22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRACE INCORPORATION OF FLUORESCENT MONOMER FACILITATING QUALITY CONTROL OF POLYMERIZATION REACTIONS
• INCORPORATION DE TRACES DE MONOMERE FLUORESCENT FACILITANT LE CONTROLE DE QUALITE DES REACTIONS DE POLYMERISATION
- (71) **CIPHERGEN BIOSYSTEMS, INC.** [US/US]; 6611 Dumbarton Circle, Fremont, CA 94555 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRAINEV, Arkadi** [RU/US]; 623 Praderia Circle, Fremont, CA 94539 (US). **HUANG, Wenxi** [CN/US]; 43620 Ellsworth Street, Apartment 3, Fremont, CA 94539 (US). **SAINI, Charanjit** [US/US]; 2296 Skyline Drive, Milpitas, CA 95035 (US).
- (74) **HYMAN, Laurence, J.**; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- UN CAPTEUR A RESONANCE PLASMON DE SURFACE
- (71) **ARIZONA BOARD OF REGENTS, acting for and on behalf of, ARIZONA STATE UNIVERSITY** [US/US]; 699 South Mill Avenue, Suite 601, Room 691AA, Tempe, AZ 85281 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOOKSH, Karl, Steven** [US/US]; 533 E. Kyle Ct., Gilbert, AZ 85296 (US). **MASON, Jean-François** [CA/US]; 1215 E. Vista del Cerro #2037, Tempe, AZ 85281 (US).
- (74) **LUTHER, Barbara, J.**; Quarles & Brady Streich Lang LLP, One Renaissance Square, Two North Central Avenue, Phoenix, AZ 85004-2391 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N
(11) WO 2004/106893 (13) A2
(21) PCT/US2004/017226
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/473,677 28 May/mai 2003 US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ION-DETECTING SENSORS COMPRISING PLASTICIZER-FREE COPOLYMERS
• DETECTEURS A IONS AVEC COPOLYMERES EXEMPTS DE PLASTIFIANT
- (71) **BECKMAN COULTER, INC.** [US/US]; 4300 North Harbor Boulevard, Fullerton, CA 92835 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAKKER, Eric** [NL/US]; 821 Cahaba Drive, Auburn, AL 36830 (US). **QIN, Yu** [CN/US]; 200 Beach Street #7, Auburn, AL 36832 (US).
- (74) **YANG, Wei-Ning et al. / etc.**; Hogan & Hartson L.L.P., Biltmore Tower, 500 South Grand Avenue, Suite 1900, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (54) • POLYMER CONNECTORS FOR USE IN SURFACE PLASMON RESONANCE SENSOR
• CONNECTEURS EN POLYMERES CONÇUS POUR ETRE UTILISES DANS

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 1/00

(11) WO 2004/106894 (13) A2

(21) PCT/CA2004/000792

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,932 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AND METHOD FOR DISPENSING FRACTIONS OF AN ANALYTE SOLUTION

• APPAREIL ET PROCEDE D'ADMINISTRATION DE FRACTIONS D'UNE SOLUTION CONTENANT UNE SUBSTANCE A ANALYSER

(71) MDS INC., DOING BUSINESS AS MDS SCIEX [CA/CA]; 71 Four Valley Drive, Concord, Ontario L4K 4V8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOBODA, Alexandre [CA/CA]; 12 Rockford Road, Apt. 810, Toronto, Ontario M2R 3A3 (CA).

(74) TORYS LLP et al. / etc.; Maritime Life Tower, Suite 3000, 79 Wellington St. W., Box 270, TD Centre, Toronto, Ontario M5K 1N2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G01N 3/36

(11) WO 2004/106895 (13) A1

(21) PCT/JP2004/007191

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-149131 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FATIGUE TESTER

• TESTEUR D'USURE

(71) MOOG JAPAN LTD. [JP/JP]; 8-37, Nishishindo 1-chome, Hiratsuka-shi, Kanagawa 2540019 (JP). HOKKAIDO TECHNOLOGY LICENSING OFFICE CO., LTD. [JP/JP]; 8-1, Kita-7-Jo-Nishi 2-chome, Kita-ku, Sapporo-shi, Hokkaido 0600807 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Takashi [JP/JP]; 4-5, Hiraokakoenhigashi 9-chome, Kiyota-ku, Sapporo-shi, Hokkaido 0440882 (JP). IZUMIYA, Hitoshi [JP/JP]; Wakakusaryo 216, 3777-6, Tomitsukacho, Hamamatsu-shi, Shizuoka 4328002 (JP). SHIINA, Takahiro [JP/JP]; 28-1, Minamidai, Tokaimura, Naka-gun, Ibaraki 3191100 (JP). KOGUMA, Hiroyuki [JP/JP]; 6-10-3-416, Sakushindai, Hanamigawa-ku, Chiba-shi, Chiba 2620045 (JP). URAI, Takahiro [JP/JP]; c/o Moog Japan Ltd., 8-37, Nishishindo 1-chome, Hiratsuka-shi, Kanagawa 2540019 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 15/00

(11) WO 2004/106896 (13) A2

(21) PCT/CA2004/000795

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/453,040 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS AND APPARATUS FOR FLUORESCENCE IMAGING USING MULTIPLE EXCITATION-EMISSION PAIRS AND SIMULTANEOUS MULTI-CHANNEL IMAGE DETECTION

• PROCEDES ET APPAREIL D'IMAGERIE PAR FLUORESCENCE

UTILISANT PLUSIEURS PAIRES D'EXCITATION-EMISSION ET DETECTION SIMULTANEE D'IMAGES MULTICANAUX

(71) SPECTRAVU MEDICAL, INC. [CA/CA]; Suite 604 - 601 West Broadway Street, Vancouver, British Columbia V5Z 4C2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZENG, Haishan [CA/CA]; 1389 E. 37th Avenue, Vancouver, British Columbia V5W 1G6 (CA).

(74) CLARK, Neil, S. et al. / etc.; Fetherstonhaugh & Co., Box 11560, Vancouver Centre, 650 West Georgia Street, Suite 2200, Vancouver, British Columbia V6B 4N8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 15/02, 23/14, 33/24

(11) WO 2004/106897 (13) A1

(21) PCT/AU2004/000674

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 2003902667 28 May/mai 2003 AU (28.05.2003)

(30) 2003903724 17 Jul/juin 2003 AU (17.07.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR DETERMINING PARTICLE PARAMETER AND PROCESSOR PERFORMANCE IN A COAL AND MINERAL PROCESSING SYSTEM

• PROCEDE ET DISPOSITIF DE DETERMINATION DE PARAMETRES DE PARTICULES ET DE PERFORMANCES D'APPAREILS DE TRAITEMENT DANS UN SYSTEME DE TRAITEMENT DE CHARBON ET DE MINERAL

(71) BM ALLIANCE COAL OPERATIONS PTY LTD [AU/AU]; Central Queensland Office, Peak Downs Mine, Private Mail Bag, Moranbah, Queensland 4744 (AU). COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VINCE, Andrew [AU/AU]; Lot 10, The Dome, Lynette Drive, Nindaroo, Mackay, Queensland 4740 (AU). FIRTH, Bruce, Andrew [AU/AU]; 5 Serissa Street, Bellbowrie, Queensland 4070 (AU). HU, Shenggen

- [CN/AU]; 22 Barcoorah Street, West Lake, Queensland 4074 (AU).
- (74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/21, 25/66, 21/81
- (11) WO 2004/106898 (13) A1
- (21) PCT/RU2004/000197
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ru (26) ru
- (30) 2003116084 30 May/mai 2003 RU (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEW POINT MEASUREMENT METHOD AND DEVICE FOR CARRYING OUT SAID METHOD
- PROCEDE POUR MESURER LE POINT DE ROSEE ET DISPOSITIF CORRESPONDANT
- (71, 72) **DEREVYAGIN, Alexandr Mikhailovich** [RU/RU]; Sivtsev Vrazhek per., 44-23, Moscow, 119002 (RU).
- (72, 75) **FOMIN Alexander Sergeevich** [RU/RU]; ul. Lenskaya, 16-3-15, St. Petersburg, 195298 (RU). **SELEZNEV Sergei Viktorovich** [RU/RU]; ul. Moskovskaya, 134/146-100, Saratov, 410600 (RU).
- (74) **BAGYAN, Levon Georgievich**; a/ya 98, Moscow, 119296 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/27, 33/12
- (11) WO 2004/106899 (13) A1
- (21) PCT/IE2004/000079
- (22) 31 May/mai 2004 (31.05.2004)
- (25) en (26) en
- (30) S2003/0408 29 May/mai 2003 IE (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FOOD MONITORING SYSTEM
- SYSTEME DE SURVEILLANCE DES ALIMENTS
- (71, 72) **JACKMAN, Nicholas** [IE/IE]; 5 Newtown, Castletroy, County Limerick (IE). **GRATTAN, Kenneth, Terence, Victor** [GB/GB]; 7 Gilbey Close, Ickenham, Uxbridge UB10 8TD (GB). **LEWIS, Elfed** [GB/IE]; Cappakea, O'Brien's Bridge, County Clare (IE). **O'FARRELL, Marion** [IE/IE]; Dooneen Lodge, Caher Road, Mungret, Limerick (IE). **SUN, Tong** [CN/GB]; 117 Windsor House, Rose Bates Drive, London NW9 9QJ (GB). **ZHAO, Wei, Zhong** [CN/GB]; 219 Missenden, Inville Road, London SE17 2HX (GB). **FLANAGAN, Colin** [IE/IE]; Coosane, Birdhill, County Tipperary (IE).
- (74) **SCHUTTE, Gearoid**; Cruickshank & Co, 1 Holles Street, Dublin 2 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/35
- (11) WO 2004/106900 (13) A1
- (21) PCT/JP2004/007423
- (22) 24 May/mai 2004 (24.05.2004)
- (25) ja (26) ja
- (30) 2003-153160 29 May/mai 2003 JP (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • REFLECTION TYPE TERAHERTZ SPECTROMETER AND SPECTROMETRIC METHOD
- SPECTROMETRE TERAHERTZ DE TYPE A REFLEXION ET PROCEDE SPECTROMETRIQUE
- (71) **AISIN SEIKI KABUSHIKI KAISHA** [JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi, Aichi, 4488650 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OHTAKE, Hideyuki** [JP/JP]; 81-W107, Nagatsuji, Tsuiji-cho, Kariya-shi, Aichi, 4480011 (JP). **YOSHIDA, Makoto** [JP/JP]; 15-4-204, Haruyama-cho, Mizuho-ku, Nagoya-shi, Aichi, 4670024 (JP). **TANAKA, Koichiro** [JP/JP]; 10-1, Kabutodai 6-chome, Kizu-cho, Souraku-gun, Kyoto, 6190224 (JP). **NAGAI, Masaya** [JP/JP]; 2-5-202, Ichijojizomoto-cho, Sakyo-ku, Kyoto-shi, Kyoto, 6068181 (JP).
- (74) **OHKAWA, Hiroshi**; 2-5, Meiki 3-chome, Nakamura-ku, Nagoya-shi, Aichi, 4500002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ G01N 21/64, G02B 5/28
- (11) WO 2004/106902 (13) A1
- (21) PCT/CH2004/000340

- (22) **3 Jun/juin 2004 (03.06.2004)**
 (25) en (26) en
 (30) 60/475,395 **3 Jun/juin 2003 US (03.06.2003)**
 (30) 60/539,872 **28 Jan/jan 2004 US (28.01.2004)**
 (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **OPTICAL SUBSTRATE FOR ENHANCED DETECTABILITY OF FLUORESCENCE**
 • **SUBSTRAT OPTIQUE SERVANT A AMELIORER LA DETECTION DE LA FLUORESCENCE**
- (71) **UNAXIS BALZERS AKTIENGESELLSCHAFT [LI/LI]; FL-9496 Balzers (LI).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRAUS, Joerg [DE/DE]; Spieglerweg 14, 88131 Lindau (DE). EDLINGER, Johannes [AT/AT]; Letzestrasse 60A, A-6800 Feldkirch (AT). WIKI, Max [CH/CH]; Minervastrasse 128, CH-8032 Zürich (CH). THOME-FOERSTER, Heidi [DE/CH]; Stelzenweg 5, CH-9478 Azmoos (CH). HEINE-KEMPKENS, Claus [DE/CH]; Loestrasse 99, CH-7000 Chur (CH). MAISENHOLDER, Bernd [DE/CH]; Schindlersteig 1, CH-8006 Zürich (CH). KASPAR, Martin [DE/CH]; Bachstrasse 22, CH-8887 Mels (CH).**
- (74) **TROESCH, Jacques, J.; Troesch Scheidegger Werner AG, Schwäntenmos 14, CH-8126 Zumikon (CH).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 21/64**
 (11) **WO 2004/106903 (13) A1**
 (21) PCT/JP2004/007442
 (22) **25 May/mai 2004 (25.05.2004)**
 (25) ja (26) ja
 (30) 2003-155636 **30 May/mai 2003 JP (30.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **LIGHT RECEIVING UNIT AND MEASURING DEVICE COMPRISING IT**
 • **UNITE DE RECEPTION LUMINEUSE ET DISPOSITIF DE MESURE LA COMPRENANT**
- (71) **OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, 1510072 (JP).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAMBA, Akihiro [JP/JP]SAWADA, Ryuji [JP/JP]**
- (74) **SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 21/64**
 (11) **WO 2004/106903 (13) A1**
 (21) PCT/JP2004/007442
 (22) **25 May/mai 2004 (25.05.2004)**
 (25) ja (26) ja
 (30) 2003-155636 **30 May/mai 2003 JP (30.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **SPECTROSCOPIC ANALYZER**
 • **ANALYSEUR SPECTROSCOPIQUE**
- (71) **OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ISHIBASHI, Kiyochika [JP/JP]**
- (74) **SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 22/00, 21/35**
 (11) **WO 2004/106905 (13) A1**
 (21) PCT/GB2004/002225
 (22) **24 May/mai 2004 (24.05.2004)**
 (25) en (26) en
 (30) 0312627.3 **2 Jun/juin 2003 GB (02.06.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METHOD AND APPARATUS FOR QUANTITATIVE ANALYSIS USING TERAHERTZ RADIATION**
 • **PROCEDE ET APPAREIL D'ANALYSE QUANTITATIVE AU MOYEN DE RAYONNEMENTS TERAHERTZ**
- (71) **TERAVIEW LIMITED [GB/GB]; 302/304 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WG (GB).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TADAY, Philip, Francis [GB/GB]; c/o TeraView Limited, 302/304 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WG (GB).**
- (74) **RICHARDSON, Mark; Marks & Ckerk, 57-60 Lincolns Inn Fields, London WC2A 3LS (GB).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 23/04, G21K 1/02**
 (11) **WO 2004/106906 (13) A1**
 (21) PCT/GB2003/005281
 (22) **4 Dec/déc 2003 (04.12.2003)**
 (25) en (26) en
 (30) 0312499.7 **31 May/mai 2003 GB (31.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **TOMOGRAPHIC ENERGY DISPERSIVE X-RAY DIFFRACTION APPARATUS COMPRISING AN ARRAY OF DETECTORS AND ASSOCIATED COLLIMATORS**
 • **APPAREIL TOMOGRAPHIQUE DE DIFFRACTION DES RAYONS X A DISPERSION D'ENERGIE COMPRENANT UN RESEAU DE DETECTEURS ET DES COLLIMATEURS ASSOCIES**
- (71) **COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS [GB/GB]; Daresbury Laboratory, Daresbury, Warrington WA4 4AD (GB).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CERNIK, Robert [GB/GB]; Council for the Central Laboratory of the Research Councils, Daresbury Laboratory, Daresbury, Warrington WA4 4AD (GB).**
- (74) **HOLMES, Matthew, Peter; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL

- (74) **AMERSHAM BIOSCIENCES AB et al.** / etc.; Patents Department, Björkgatan 30, S-751 84 Uppsala (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 27/90, H02K 15/02**
- (11) **WO 2004/106912** (13) A1
- (21) PCT/US2003/016133
- (22) **21 May/mai 2003 (21.05.2003)**
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METHOD AND SYSTEM FOR EVALUATING CORE STACK PRESSURE**
- PROCÉDE ET SYSTÈME D'EVALUATION DE PRESSION D'EMPILAGE DE NOYAU
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **KLIMAN, Gerald, Burt**; 2263 Sweetbriar Road, Niskayuna, NY 12309 (US). **MALLIC, John, Andrew**; 205 Lariat Lane, Dripping Spring, TX 78620 (US). **SHAH, Manoj, Ramprasad**; 4 Chippendale Court, Latham, NY 12110 (US). **LEE, Sang, Bing**; 12a4 Sheridan Village, Schenectady, NY 12308 (US).
- (74) **GNIBUS, Michael**; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 29/04, 29/06**
- (11) **WO 2004/106913** (13) A1
- (21) PCT/US2003/014814
- (22) **9 May/mai 2003 (09.05.2003)**
- (25) en (26) en
- (30) Not furnished / non communiqué **6 May/mai 2003 (06.05.2003)** US
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **GUIDED WAVE ELECTROMAGNETIC ACOUSTIC TRANSDUCER**
- TRANSDUCTEUR ACOUSTIQUE ELECTROMAGNETIQUE D'ONDES GUIDEES
- (71) **FLOVA, John, H.** [US/US]; 5108 Wedgewood Rd., Lynchburg, VA 24503 (US).
- (71, 72) **FIELDS, Charles, M.** [US/US]; 258 Mumford St., Lynchburg, VA 24501 (US). **GRIER, Daniel, P.** [US/US]; 1199 Summer Park Drive, Forest, VA 24551 (US).
- (74) **HINEY, James, W.**; Technology Law Offices, Suite 1100, 1872 Pratt Drive, Blacksburg, VA 24060 (US).
- (81) AT AU BR CZ DE ES GB HU ID IL IN KR LV MX NO NZ PL RU SE TR UA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **G01N 30/00, 1/40**
- (11) **WO 2004/106914** (13) A1
- (21) PCT/US2004/016904
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 60/473,996 **29 May/mai 2003 (29.05.2003)** US
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **SOLID PHASE EXTRACTION PIPETTE**
- PIPETTE D'EXTRACTION EN PHASE SOLIDE
- (71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 93404 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUDSON, William** [US/US]; 83 Via Vicini, Rancho Santa Margarita, CA 92688 (US). **DOWNS, Wilford, C.** [US/US]; 25551 Goldenspring Drive, Dana Point, CA 92629 (US).
- (74) **FISHMAN, Bella et al.** / etc.; Varian, Inc., Legal Dept. D102, 3120 Hansen Way, Palo Alto, CA 93404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement
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- (51)⁷ **G01N 30/86**
- (11) **WO 2004/106915** (13) A1
- (21) PCT/US2004/016797
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 60/474,499 **29 May/mai 2003 (29.05.2003)** US
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METHOD AND DEVICE FOR PROCESSING OF LC-MS OR LC-MS/MS DATA IN METABONOMICS**
- SYSTÈME ET PROCÉDE DE TRAITEMENT ORIENTÉ METABONOMIQUE DE DONNEES LC-MS OU LC-MS/MS
- (71) **WATERS INVESTMENTS LIMITED** [US/US]; 109 Lukens Drive, New Castle, DE 19720 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CASTRO-PEREZ, Jose** [ES/GB]; 16 Doverston Road, Sale, Manchester M33 6LE (GB). **PLUMB, Robert** [GB/US]; 6 McGill Lane, Milford, MA 01757 (US). **MAJOR, Hilary** [GB/GB]; 2 Adey Road, Lymm, Cheshire WA13 9QX (GB). **PREECE, Steve** [GB/GB]; 18 Burnt Acre, Chelford, Macclesfield, Cheshire SK11 9SS (GB). **LUNT, Martin** [GB/GB]; 128 Redwood Firwood Park, Lancashire, Oldham OL9 9 UG (GB). **GOSHAWK, Jeff** [GB/GB]; 18 28 Mellor Brow, Mellor, Blackburn BB2 7EX (GB). **GORENSTEIN, Marc, V.** [US/US]; 313 Brookline Street, Needham, MA 02492 (US).
- (74) **JANIUK, Anthony, J. et al.** / etc.; 34 Maple Street, Mailstop: LG, Milford, MA 01757 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **G01N 33/00, 31/16, 35/08**
- (11) **WO 2004/106916** (13) A1
- (21) PCT/US2003/037408
- (22) **21 Nov/nov 2003 (21.11.2003)**
- (25) en (26) en
- (30) 10/442,676 **21 May/mai 2003 (21.05.2003)** US
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **AUTOMATIC MIXING AND DILUTION METHODS AND APPARATUS FOR ONLINE CHARACTERIZATION OF EQUILIBRIUM AND NON-EQUILIBRIUM PROPERTIES OF SOLUTIONS CONTAINING POLYMERS AND/OR COLLOIDS**
- PROCÉDES ET DISPOSITIF AUTOMATIQUES DE MELANGE ET DE DILUTION PERMETTANT DE CARACTERISER EN LIGNE DES PROPRIETES D'EQUILIBRE ET DE NON EQUILIBRE DE SOLUTIONS DE POLYMERES ET/OU DE COLLOIDES

- (71) **THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND** [US/US]; Tulane University, Office of Technology Development SL13, 1430 Tulane Avenue, New Orleans, LA 70112-2699 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REED, Wayne, F.** [US/US]; Department of Physics, Tulane University, New Orleans, LA 70118 (US).
- (74) **NORTH, Brett, A. et al.** / etc.; Garvey, Smith, Nehrbass & Doody, L.L.C., 3 Lake-way Center, Suite 3290, 3838 North Causeway Boulevard, Metairie, LA 70002 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 33/15, C07K 16/30, 14/47, A61P 35/00
- (11) **WO 2004/106917** (13) A2
- (21) PCT/AT2004/000193
- (22) **2 Jun/juin 2004 (02.06.2004)**
- (25) de (26) de
- (30) **A 852/2003 2 Jun/juin 2003 AT (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR THE SELECTION OF EPITOPES FOR IMMUNOTHERAPY
• PROCEDE DE SELECTION D'EPITOPES POUR L'IMMUNOTHERAPIE
- (71) **IGENEON KREBS-IMMUNOTHERAPIE FORSCHUNGS- UND ENTWICKLUNGS-AG** [AT/AT]; Brunner Strasse 69, Objekt 3, A-1230 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOIBNER, Hans** [AT/AT]; Heim-gasse 23, A-1238 Wien (AT). **HIMMLER, Gottfried** [AT/AT]; Colloredogasse 29, A-1180 Wien (AT). **JUNGBAUER, Alois** [AT/AT]; Ichagasse 39, A-1210 Wien (AT). **WASSERBAUER, Erich** [AT/AT]; Leo Mathausergasse 18-24/5, A-1230 Wien (AT). **SCHUSTER, Manfred** [AT/AT]; Josef Weilandstrasse 84, A-2191 Schrick (AT). **HAHN, Rainer** [AT/AT]; Pyrker-gasse 30-32/3/27, A-1190 Wien (AT). **DÜRAUER, Astrid** [AT/AT]; Muhrengasse 23, A-1100 Wien (AT).
- (74) **SONN & PARTNER**; Riemergasse 14, A-1010 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01N 33/46
- (11) **WO 2004/106918** (13) A1
- (21) PCT/US2004/016589
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) **60/473,385 27 May/mai 2003 US (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF WOOD STRENGTH AND STIFFNESS PREDICTION
• PROCEDE DE PREDICTION DE RESISTANCE ET DE RIGIDITE DE BOIS
- (71) **WEYERHAEUSER COMPANY** [US/US]; Legal Department, CH 1J27, PO Box 9777, Federal Way, WA 98063-9777 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **BIERNACKI, Jacek**; 1830 18th Ave SE, Salmon Arm, CB V1E 2M8 (CA). **FLATMAN, Carl**; 1731 11th Ave Se, Salmon Arm, CB V1E 2E3 (CA). **WOODS, Steve**; 751 34th Street SE, Salmon Arm, CB V1E 2C6 (CA). **LAHODA, Ron**; 4740 50th Street NW, Salmon Arm, CB V1E 3A6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (74) **BEITEY, Daniel, J.**; Weyerhaeuser Company, Legal Department CH 1J27, PO Box 9777, Federal Way, WA 98063-9777 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 33/48, 33/72, 33/66
- (11) **WO 2004/106919** (13) A1
- (21) PCT/JP2004/007084
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) ja (26) ja
- (30) **2003-151418 28 May/mai 2003 JP (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF STABILIZING SAMPLE
• PROCEDE DE STABILISATION D'ECHANTILLON
- (71) **ARKRAY, INC.** [JP/JP]; 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 6018045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRAI, Kaoru** **YONEHARA, Satoshi**
- (74) **IKEUCHI SATO & PARTNER PATENT ATTORNEYS**; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi., Osaka 5306026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/50, 33/68, C12Q 1/02
- (11) **WO 2004/106920** (13) A1
- (21) PCT/AU2004/000730
- (22) **31 May/mai 2004 (31.05.2004)**
- (25) en (26) en
- (30) **2003902792 3 Jun/juin 2003 AU (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A METHOD FOR PREDICTING THE DEVELOPMENT OF ALLERGIC DISEASE
• PROCEDE PERMETTANT DE PRE-DIRE L'EVOLUTION D'UNE MALADIE ALLERGIQUE
- (71) **ADVANCED DIAGNOSTIC SYSTEMS PTY LTD** [AU/AU]; Princess Margaret Hos-pital for Childen, Roberts Road, Subiaco, Western Australia 6008 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOLT, Patrick** [AU/AU]; 22 Monash Avenue, Nedlands, Western Australia 6009 (AU).
- (74) **GRIFFITH HACK**; Level 6, 256 Adelaide Terrace, Perth, Western Australia 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50, C12N 5/06, C12Q 1/68

(11) WO 2004/106921 (13) A2

(21) PCT/CA2004/000788

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,153 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • *IN VITRO* PLATFORM FOR SCREENING AGENTS INDUCING ISLET CELL NEOGENESIS

• PLATE-FORME *IN VITRO* DE CRIBLAGE D'AGENTS INDUCTEURS DE LA NEOGENESE DES ILOTS DE LANGERHANS

(71) MCGILL UNIVERSITY [CA/CA]; 845 Sherbrooke Street West, Montréal, Québec H3A 2T5 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSENBERG, Lawrence [CA/CA]; 6507, Fern Road, Côte St-Luc, Québec H4V 1E4 (CA).

(74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50, C12Q 1/68, B01L 3/00

(11) WO 2004/106922 (13) A1

(21) PCT/ES2004/000244

(22) 28 May/mai 2004 (28.05.2004)

(25) es (26) es

(30) P 2003 01292 30 May/mai 2003 ES (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR THE DETECTION OF SUBSTANCES OR ANALYTES FROM THE ANALYSIS OF ONE OR MORE SAMPLES

• PROCEDE ET APPAREIL DE DETECTION DE SUBSTANCES OU D'ANALYTES A PARTIR DE L'ANALYSE D'UN OU DE PLUSIEURS ECHANTILLONS

(71) INSTITUTO NACIONAL DE TECNICA AEROESPACIAL "ESTEBAN TERRADAS" [ES/ES]; Ctra. de Ajalvir, Km 4,5, E-28850 Torrejón de Ardoz (Madrid) (ES). SENER, INGENIERIA Y SISTEMAS, S.A. [ES/ES]; Avda. de Zugazarte, n° 56, E-48930 Las Arenas, Guecho (Vizcaya) (ES). CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS [ES/ES]; C/Serrano, n° 113, E-28006 Madrid (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOMEZ-ELVIRA RODRIGUEZ, Javier [ES/ES] (ES). SEBASTIAN MARTINEZ, Eduardo [ES/ES] (ES). BRIONES LLORENTE, Carlos [ES/ES] (ES). PARRO GARCÍA, Victor [ES/ES] (ES). RODRÍGUEZ MANFREDI, José, Antonio [ES/ES] (ES). COMPOSTIZO SAÑUDO, Carlos [ES/ES] (ES). HERRERO GONZALO, Pedro, Luis [ES/ES] (ES). PÉREZ MERCADER, Juan [ES/ES] (ES).

(74) CARVAJAL Y URQUIJO, Isabel et al. / etc.; C/O Clarke, Modet & Co., C/ Goya, n° 11, E-28001 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/50, 33/58, C07K 1/13

(11) WO 2004/106923 (13) A1

(21) PCT/GB2003/002323

(22) 28 May/mai 2003 (28.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIFFERENTIAL ANALYSIS OF CELL SURFACE PROTEINS ON CLOSED MEMBRANE STRUCTURES BY LABELLING WITH DYES IN THE PRESENCE OF AN INTERNAL STANDARD

• ANALYSE DIFFERENTIELLE DE PROTEINES DE SURFACE CELLULAIRE SUR STRUCTURES MEMBRANAIRES FERMEES PAR MARQUAGE AU COLORANT EN PRESENCE D'UN ETALON INTERNE

(71) AMERSHAM BIOSCIENCES UK LIMITED [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) COPSE, Catherine [GB/GB]; Amersham Biosciences UK Limited, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB). FOWLER, Susan, Janet [GB/GB]; Amersham Biosciences UK Limited, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB). HORSEY, Imogen

[GB/GB]; Amersham Biosciences UK Limited, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB). SWEET, Alison, Claire [GB/GB]; Amersham Biosciences UK Limited, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB).

(74) HAMMER, Catriona, MacLeod et al. / etc.; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50

(11) WO 2004/106924 (13) A2

(21) PCT/GB2004/002254

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/474,552 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD

• PROCEDE

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf MG US)

(71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).

(only for / seulement pour MG)

(72, 75) LIU, DongFang [CN/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US). QUEVA, Christophe [FR/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US). READY, Shannon [US/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US). WEBSTER, Kevin [US/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US). ZABLUDOFF, Sonya [US/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- EILERTSEN, Ingar [NO/NO]; Ulvenveien 87, P.O. Box 206 Økern, N-0510 Oslo (NO).
- (74) COCKBAIN, Julian et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/543, 33/48
- (11) WO 2004/106930 (13) A1
- (21) PCT/JP2004/007180
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-149638 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMMUNOCHROMATOGRAPHIC METHOD
- PROCÉDE D'IMMUNOCHROMATOGRAPHIE
- (71) MITSUBISHI KAGAKU IATRON, INC. [JP/JP]; 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ONO, Tetsuya [JP/JP]; c/o MITSUBISHI KAGAKU IATRON, INC., 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP). FUJII, Takayuki [JP/JP]; c/o MITSUBISHI KAGAKU IATRON, INC., 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP). SUGIYAMA, Kazuyuki [JP/JP]; c/o MITSUBISHI KAGAKU IATRON, INC., 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP). KURODA, Takashi [JP/JP]; c/o MITSUBISHI KAGAKU IATRON, INC., 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP). KAWAMURA, Masahide [JP/JP]; c/o MITSUBISHI KAGAKU IATRON, INC., 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP).
- (74) MORITA, Kenichi; 5th Fl., Itabashi-chuo Bldg., 67-8, Itabashi 2-chome, Itabashi-ku, Tokyo 1730004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G01N 33/566
- (11) WO 2004/106932 (13) A1
- (21) PCT/FR2004/001140
- (22) 11 May/mai 2004 (11.05.2004)
- (25) fr (26) fr
- (30) 03/06136 22 May/mai 2003 FR (22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR SELECTING ALLOSTERIC REGULATORS OF CLASS III G PROTEIN-COUPLED RECEPTORS
- PROCÉDE DE SÉLECTION DE RÉGULATEURS ALLOSTÉRIQUES DES RÉCEPTEURS COUPLÉS AUX PROTÉINES G DE CLASSE III
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01N 33/546, 33/58, C12Q 1/68
- (11) WO 2004/106931 (13) A1
- (21) PCT/DE2004/001078
- (22) 21 May/mai 2004 (21.05.2004)
- (25) de (26) de
- (30) 103 23 901.4 26 May/mai 2003 DE (26.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND TESTING SYSTEM FOR ANALYZING AND/OR DETECTING BIOMOLECULES AND/OR ACTIVE SUBSTANCES IN LIQUID SAMPLES
- PROCÉDE ET SYSTÈME D'ESSAI POUR L'ANALYSE ET/OU LA DÉTECTION DE BIOMOLÉCULES ET/OU DE SUBSTANCES ACTIVES DANS DES ÉCHANTILLONS LIQUIDES
- (71) INSTITUT VIRIONSERION GMBH [DE/DE]; Friedrich-Bergius-Ring 19, 97076 Würzburg (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HERMANN, Gerhard [DE/DE]; Judentühlweg 22, 97082 Würzburg (DE). KÜHLMANN-RABENS, Iлона [DE/DE]; Waldmannshofen 62, 97993 Creglingen (DE). SCHOBEL, Uwe [DE/DE]; Elisabethenstrasse 12b, 35576 Wetzlar (DE).
- (74) RUDOLPH, Ulrike; In der Schanz 10, 69198 Schriesheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 33/569
- (11) WO 2004/106933 (13) A1
- (21) PCT/US2003/014856
- (22) 12 May/mai 2003 (12.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS FOR AND METHOD OF DETECTING THE PRESENCE OF AND AIRBORNE MYCOTOXIN IN AN ENCLOSURE
- APPAREIL ET PROCÉDE PERMETTANT DE DÉTECTER LA PRÉSENCE D'UNE MYCOTOXINE EN SUSPENSION DANS UN LIEU FERME
- (71) ASSURED INDOOR AIR QUALITY, L.P. [US/US]; 6616 Forest Park Road, Dallas, TX 75235 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) STRAUS, David, C. [US/US]; Dept. of Microbiology and Immunology, 3601 4th Street, Lubbock, TX 79430 (US). WILSON, Stephen, C. [US/US]; Dept. of Microbiology and Immunology, 3601 4th Street, STOP 6591, Lubbock, TX 79430-6591 (US). BRASEL, Trevor, L. [US/US]; Dept. of Microbiology and Immunology, 3601 4th Street, Lubbock, Texas 79430 (US).
- (74) POST, Harry, C.; 12900 Preston Road, Suite 575, Dallas, TX 75230 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 33/68, C12Q 1/68, A61P 25/00, 7/00, 1/00, C07K 14/705, G01N 33/579, A61P 5/00, 35/00, 29/00, 11/00, 13/00, 15/00
- (11) WO 2004/106934 (13) A2
- (21) PCT/EP2004/005255
- (22) 15 May/mai 2004 (15.05.2004)
- (25) en (26) en
- (30) 03011961.4 28 May/mai 2003 EP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH 5-HYDROXYTRYPTAMINE (SEROTONIN) RECEPTOR 7 (5-HT7)
- DIAGNOSTICS ET AGENTS THERAPEUTIQUES DESTINES A DES MALADIES LIEES AU RECEPTEUR 7 DE 5-HYDROXYTRYPTAMINE (SEROTONINE) (5-HT7)
- (71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE).
- (74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/68, C07K 14/705
- (11) WO 2004/106936 (13) A2
- (21) PCT/EP2004/005554
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 03012496.0 2 Jun/juin 2003 EP (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH G PROTEIN-COUPLED P2Y PURINORECEPTOR 9 (P2Y9)
- AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES DESTINES A DES MALADIES ASSOCIEES AU PURINORECEPTEUR P2Y9 COUPLE AUX PROTEINES G
- (71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE). THIELE, Ralf [DE/DE]; Ebbinghauser Str. 13, 33178 Borcheln (DE).
- (74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/68, C12Q 1/68, A61P 13/00, 25/00, 35/00, C07K 14/72, G01N 33/574, A61P 1/00
- (11) WO 2004/106935 (13) A2
- (21) PCT/EP2004/005257
- (22) 15 May/mai 2004 (15.05.2004)
- (25) en (26) en
- (30) 03011878.0 27 May/mai 2003 EP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/68, C12Q 1/68, A61P 25/00, 7/00, 15/00, 1/00, C07K 14/72, G01N 33/574, A61P 5/00, 35/00, 29/00, 11/00, 13/00
- (11) WO 2004/106938 (13) A2
- (21) PCT/EP2004/005558
- (22) 24 May/mai 2004 (24.05.2004)

- (25) en (26) en
- (30) 03012495.2 **2 Jun/juin 2003 EP (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH G PROTEIN-COUPLED P2Y PURINORECEPTOR 7 (P2Y7)
- AGENTS DE DIAGNOSTIC ET DE THERAPIE POUR DES MALADIES ASSOCIEES AU P2Y RECEPTEUR PURIQUE 7 COUPLE A UNE PROTEINE G (P2Y7)
- (71) **BAYER HEALTHCARE AG [DE/DE];** 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOLZ, Stefan [DE/DE];** Bückmannsmühle 46, 45326 Essen (DE). **BRÜGGE-MEIER, Ulf [DE/DE];** Leysiefen 20, 42799 Leichlingen (DE). **SUMMER, Holger [DE/DE];** Katernberger Schulweg 3, 42113 Wuppertal (DE). **THIELE, Ralf [DE/DE];** Ebbinghauser Str. 13, 33178 Borchen (DE).
- (74) **BAYER HEALTHCARE AG;** Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/68**
- (11) **WO 2004/106939** (13) A2
- (21) PCT/EP2004/005964
- (22) **2 Jun/juin 2004 (02.06.2004)**
- (25) en (26) en
- (30) 03076728.9 **3 Jun/juin 2003 EP (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR THE LINKAGE OF BIFUNCTIONAL CHELATING AGENTS AND (RADIOACTIVE) TRANSITION METAL COMPLEXES TO PROTEINS AND PEPTIDES
- PROCEDE DE LIAISON DE CHELATEURS BIFONCTIONNELS ET COMPLEXES DE METAL DE TRANSITION (RADIOACTIF) A DES PROTEINES ET DES PEPTIDES
- (71) **PAUL SCHERRER INSTITUT [CH/CH];** CH-5232 Villigen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHIBLI, Roger [CH/CH];** Weite Gasse 28, CH-5400 Baden (CH). **STICHELBERGER, Albert [CH/CH];** Alte Lenzburgerstrasse 15, CH-5702 Niederlenz (CH).
- WAIBEL, Robert [CH/CH];** Rätterschenstrasse 5, CH-8352 Rätterschen (CH). **SCHUBIGER, August [CH/CH];** Vogelsangstrasse 33, CH-5426 Lengnau (CH).
- (74) **VAN SOMEREN, Petronella, Francisca, Hendrika, Maria;** Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/74**
- (11) **WO 2004/106940** (13) A2
- (21) PCT/EP2004/005599
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) en (26) en
- (30) 03012374.9 **30 May/mai 2003 EP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • RELAXIN AS AN INDEPENDENT RISK FACTOR PREDICTING MORTALITY
- RELAXINE EN TANT QUE FACTEUR DE RISQUE INDEPENDANT PREDISANT LA MORTALITE
- (71) **BAYER HEALTHCARE AG [DE/DE];** 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STASCH, Johannes-Peter [DE/DE];** Alfred-Nobel-Strasse 109, 42651 Solingen (DE). **GEHRMANN, Mathias [DE/DE];** Alte Landstrasse 140, 51373 Leverkusen (DE). **HOCHER, Berthold [DE/DE];** Schumannstrasse 20-21, 10098 Berlin (DE).
- (74) **BAYER HEALTHCARE AG;** Law & Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01N 35/00**
- (11) **WO 2004/106942** (13) A2
- (21) PCT/US2003/025963
- (22) **19 Aug/août 2003 (19.08.2003)**
- (25) en (26) en
- (30) 60/404,899 **21 Aug/août 2002 US (21.08.2002)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR MEASURING FLUID CHEMISTRY IN DRILLING AND PRODUCTION OPERATIONS
- PROCEDE DE MESURE DE LA COMPOSITION CHIMIQUE D'UN FLUIDE
- (61)⁷ **G01N 33/92, 33/50**
- (11) **WO 2004/106941** (13) A2
- (21) PCT/EP2004/005786
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 60/475,121 **30 May/mai 2003 US (30.05.2003)**
- (30) 60/475,082 **30 May/mai 2003 US (30.05.2003)**
- (30) 60/475,083 **30 May/mai 2003 US (30.05.2003)**
- (30) 60/484,102 **30 Jun/juin 2003 US (30.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SECRETED POLYPEPTIDE SPECIES ASSOCIATED WITH CARDIOVASCULAR DISORDERS
- ESPECES DE POLYPEPTIDES SECRETES ASSOCIEES A DES TROUBLES CARDIO-VASCULAIRES
- (71) **GENOVA LTD.;** Canon's Court, 22 Victoria Street, Hamilton HM 12 (BM).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **NOVARTIS PHARMA GMBH [AT/AT];** Brunner Strasse 59, 1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) **BOUGUELERET, Lydie [FR/CH];** GeneProt, Inc., 2, Pré-de-la-Fontaine, CH-1217 Meyrin (CH).
- (74) **GRUBB, Philip;** Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

DANS DES OPERATIONS DE PRODUCTION ET DE FORAGE

(71) **SHELL OIL COMPANY** [US/US]; Department of Intellectual Property, One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).

(71) **SHELL CANADA LIMITED** [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta (CA).
(only for / seulement pour CA)

(72) **ZEILINGER, Sabine, Claudia**; 2255 Braeswood Park Drive, Apt. 172, Houston, TX 77030 (US). **MCNEIL III, Robert, Irving**; 12934 Peach Meadow, Cypress, TX 77429 (US). **NICHOLSON, James, William**; 5555 New Territory Blvd., Apt. 2107, Sugar Land, TX 77479 (US).

(74) **MONTALVO, Eugene, R.**; SHELL OIL COMPANY, One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01P 15/12, 15/08, 15/00**

(11) **WO 2004/106943** (13) A1

(21) PCT/IB2003/002040

(22) **27 May/mai 2003 (27.05.2003)**

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **ACCELEROMETER SYSTEM**
• SYSTEME ACCELEROMETRIQUE

(71) **EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH** [CH/CH]; Physical Electronics Laboratory, Höggerberg HPT-H6, CH-8093 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWIZER, Jürg** [CH/CH]; Moosacher, CH-6264 Pfaffnau (CH). **BALTES, Henry** [CA/CH]; Hauswiesenstrasse 1, CH-8049 Zürich (CH).

(74) **BARTH, Carl, O.**; Abacus Patentanwälte, Zürichstrasse 34, CH-8134 Adliswil/Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **G01R**

(11) **WO 2004/106944** (13) A2

(21) PCT/JP2004/007362

(22) **28 May/mai 2004 (28.05.2004)**

(25) ja (26) ja

(30) PCT/JP03/06834 **30 May/mai 2003 JP (30.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **ELECTRONIC PART TEST DEVICE**
• DISPOSITIF D'ESSAI DE PARTIE ELECTRONIQUE

(71) **ADVANTEST Corporation** [JP/JP]; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMASHITA, Kazuyuki** [JP/JP]; c/o Advantest Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). **ITO, Akihiko** [JP/JP]; c/o Advantest Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) **MAEDA, Hitoshi et al.** / etc.; Maeda & Nishide, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo 101-0064 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01R**

(11) **WO 2004/106945** (13) A2

(21) PCT/JP2004/007363

(22) **28 May/mai 2004 (28.05.2004)**

(25) ja (26) ja

(30) PCT/JP03/06835 **30 May/mai 2003 JP (30.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **ELECTRONIC COMPONENT TESTING APPARATUS**
• DISPOSITIF D'ESSAI DE PARTIE ELECTRONIQUE

(71) **ADVANTEST Corporation** [JP/JP]; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITO, Akihiko** [JP/JP]; c/o Advantest Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). **YAMASHITA, Kazuyuki** [JP/JP]; c/o Advantest Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) **MAEDA, Hitoshi et al.** / etc.; Maeda & Nishide, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo 101-0064 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01R**

(11) **WO 2004/106946** (13) A2

(21) PCT/US2004/015764

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10/443,230 **21 May/mai 2003 US (21.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **A METHOD AND APPARATUS FOR MEASURING AND ANALYZING ELECTRICAL OR ELECTROCHEMICAL SYSTEMS**

• PROCEDE ET DISPOSITIF DESTINES A MESURER ET ANALYSER DES SYSTEMES ELECTRIQUES OU ELECTROCHIMIQUES

(71) **WORLD ENERGY LABS (2), INC.** [US/US]; 2341 West 205th Street, Suite 115, Torrance, CA 90501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LALETIN, William, H.** [US/US]; 651 Whitney Drive, Slidell, LA 70461 (US). **SALLOUX, Kurt** [US/US]; 1075 Henry Ridge, Topanga, CA 90290 (US). **BRASHEAR, Logan, L.** [US/US]; 29732 Baden Place, Malibu, CA 90265 (US).

(74) **QUINN, Joseph, P. et al.** / etc.; Brown Rudnick Berlack Israels LLP, One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01R

(11) WO 2004/106947 (13) A2

(21) PCT/US2004/015921

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,296 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STEADY STATE FREE PRECESSION
BASED MAGNETIC RESONANCE

- THERMOMETRIE A RESONANCE
MAGNETIQUE FONDEE SUR LA PRE-
CESSION LIBRE EN REGIME PERMA-
NENT

(71) JOHNS HOPKINS UNIVERSITY
[US/US]; 100 N. Charles Street, 5th Floor,
Baltimore, MD 21201 (US).*(for all designated States except / pour tous
les États désignés US)*(72, 75) PALIWAL, Vaishali [IN/US]; 3501
St. Paul Street, Apartment 510, Baltimore,
MD 21218 (US). EL-SHARKAWY, Ab-
del-Monem [GB/US]; 3504 Beech Avenue,
Apartment B, Baltimore, MD 21211 (US).
ATALAR, Ergin [US/US]; 5206 Woodstove
Lane, Columbia, MD 21045 (US).(74) SONG, K., Jung et al. / etc.; McKenna Long
& Aldridge, LLP, 1900 K Street, N.W., Wash-
ington, DC 20006 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G01R 1/073

(11) WO 2004/106948 (13) A1

(21) PCT/FR2003/001560

(22) 23 May/mai 2003 (23.05.2003)

(25) fr (26) fr

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTIPLE CONNECTION DEVICE
FOR ELECTRONIC MICRO-CIRCUIT
TEST SYSTEMS

- DISPOSITIF A CONNEXIONS MUL-
TIPLS PERFECTIONNE POUR SYS-
TEME DE TEST DE MICRO-CIRCUITS
ELECTRONIQUES

(71) PROBEST [FR/FR]; 224, boulevard John
Kennedy, F-91105 Corbeil Essonnes (FR).*(for all designated States except / pour tous
les États désignés US)*(72, 75) SABATIER, André [FR/FR]; 83,
avenue du Président Kennedy, F-94190
Villeneuve-Saint-Georges (FR). CHAS-
SERIEAU, Claude [FR/FR]; 33, rue dela Libération, F-91750 Chevannes (FR).
CHASSERIEAU, Vincent [FR/FR]; 33, rue
de la Libération, F-91750 Chevannes (FR).(74) FLAVENOT, Bernard; Abritt, 17, rue du Dr
Charcot, F-91290 La Norville (FR).(81) AE AG AL AM AU AZ BA BB BR BY BZ
CA CN CO CR CU DM DZ EC GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL RO RU
SD SG SK SL TJ TM TN TT TZ UA UG US
UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); OA (BF BJ CF CG CI CM GA
GN GQ GW ML MR NE SN TD TG).(51)⁷ G01R 1/073, H01L 21/66

(11) WO 2004/106949 (13) A1

(21) PCT/JP2004/006569

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 2003-151992 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BOARD FOR PROBE CARD, INSPEC-
TION APPARATUS, PHOTO-FABRICA-
TION APPARATUS AND PHOTO-FAB-
RICATION METHOD

- MODULE POUR CARTE SONDE, AP-
PAREIL D'INSPECTION, APPAREIL ET
PROCEDE POUR LA PHOTO-REALI-
SATION

(71) DAINIPPON SCREEN MFG. CO.,
LTD. [JP/JP]; 1-1 Tenjinkitamachi,, Ter-
nanouchi-agaru 4-chome, Horikawa-dori,
Kamikyo-ku, Kyoto-shi, Kyoto 6028585
(JP). JSR CORPORATION [JP/JP]; 6-10,
Tsukiji5-chome, Chuo-ku, Tokyo 1048410
(JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KOYAGI, Yasuyuki [JP/JP]; c/o
DAINIPPON SCREEN MFG. CO., LTD.,
1-1, Tenjinkitamachi, Teranouchi-agaru
4-chome, Horikawa-dori, Kamikyo-ku,
Kyoto-shi, Kyoto 6028585 (JP). SHI-
MOZUMA, Hiroko [JP/JP]; c/o DAINIP-
PON SCREEN MFG. CO., LTD., 1-1,
Tenjinkitamachi, Teranouchi-agaru 4-chome,
Horikawa-dori, Kamikyo-ku, Kyoto-shi,
Kyoto 6028585 (JP). TANABE, Takayoshi
[JP/JP]; c/o JSR CORPORATION, 6-10,
Tsukiji5-chome, Chuo-ku, Tokyo 1048410
(JP). YASHIRO, Takao [JP/JP]; c/o JSR
CORPORATION, 6-10, Tsukiji5-chome,
Chuo-ku, Tokyo 1048410 (JP).(74) MATSUSAKA, Masahiro; Tokushima
Bldg. 7F, 9-10, Minamisemba 3-chome,
Chuo-ku, Osaka-shi, Osaka 5420081 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZDE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G01R 19/02

(11) WO 2004/106950 (13) A1

(21) PCT/GB2004/002255

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312346.0 30 May/mai 2003 GB
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WAVEFORM DETECTION, IN PARTI-
CULAR FOR THE REPRESENTATION
OF THE ROOT MEAN SQUARE OF A
WAVEFORM

- DETECTION DE FORMES D'ONDES
DESTINEE NOTAMMENT A LA RE-
PRESENTATION DE LA MOYENNE
QUADRATIQUE D'UNE FORME
D'ONDE

(71, 72) CUTHBERTSON, Brian, George
[GB/GB]; 2 Rosemont Road, Hampstead,
London NW3 6NE (GB). DAVY, Peter,
Gordon [GB/GB]; 2 Rosemont Road, Hamp-
stead, London NW3 6NE (GB).(74) DERRY, Paul et al. / etc.; Venner, Shipley
LLP, 20 Little Britain, London EC1A 7DH
(GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G01R 19/165

(11) WO 2004/106951 (13) A1

(21) PCT/IB2004/001726

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 0312237.1 29 May/mai 2003 GB
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • UNDERCURRENT SENSE ARRANGE-
MENT AND METHOD
• PROCEDE ET AGENCEMENT DE DE-
TECTION DE SOUS-COURANT(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KELLY, Brendan, P. [GB/GB]; c/o
Philips Intellectual Property & Standards,
Cross Oak Lane, Redhill Surrey RH1 5HA
(GB).

(74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01R 31/04

(11) WO 2004/106952 (13) A1

(21) PCT/JP2004/007890

(22) 1 Jun/juin 2004 (01.06.2004)

(25) ja (26) ja

(30) 2003-157394 2 Jun/juin 2003 JP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HARNESS CHECKER AND HARNESS CHECKING METHOD

• VERIFICATEUR DE FAISCEAU ET PROCÉDE DE VERIFICATION DE FAISCEAU

(71) SUMITOMO WIRING SYSTEMS, LTD. [JP/JP]; 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503 (JP). OHT INC. [JP/JP]; 1118-1, Aza Nishichujo, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2103 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAYASHI, Mishio [JP/JP]; 1973-13, Menuma, Menuma-machi, Osato-gun, Saitama 360-0201 (JP). YAMAOKA, Shuji [JP/JP]; 693-9, Jitoubu, Seto-cho, Fukuyama-shi, Hiroshima 720-0837 (JP). NURIOKA, Akira [JP/JP]; 7-11-2, Higashifukututyo, Fukuyama-shi, Hiroshima 721-0974 (JP). TANIGUCHI, Yoshikazu [JP/JP]; c/o Sumitomo Wiring Systems, Ltd., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503 (JP). ONISHI, Hideo [JP/JP]; c/o Sumitomo Wiring Systems, Ltd., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503 (JP).

(74) OHT INC.; 1118-1, Aza Nishichujo, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2103 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 31/26

(11) WO 2004/106953 (13) A1

(21) PCT/JP2003/006834

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRONIC COMPONENT TEST INSTRUMENT

• INSTRUMENT DE TEST POUR COMPOSANTS ELECTRONIQUES

(71) ADVANTEST CORPORATION [JP/JP]; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMASHITA, Kazuyuki [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). ITO, Akihiko [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) MAEDA, Hitoshi et al. / etc.; MAEDA & NISHIDE, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo 101-0064 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 31/26

(11) WO 2004/106954 (13) A1

(21) PCT/JP2003/006835

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRONIC COMPONENT TEST INSTRUMENT

• INSTRUMENT DE TEST DE COMPOSANTS ELECTRONIQUES

(71) ADVANTEST CORPORATION [JP/JP]; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITO, Akihiko [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). YAMASHITA, Kazuyuki [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) MAEDA, Hitoshi et al. / etc.; MAEDA & NISHIDE, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo 101-0064 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 31/28

(11) WO 2004/106955 (13) A1

(21) PCT/US2004/016068

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,979 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TESTER ARCHITECTURE FOR TESTING SEMICONDUCTOR INTEGRATED CIRCUITS

• ARCHITECTURE D'APPAREIL DE TEST DESTINE A TESTER DES CIRCUITS INTEGRES A SEMICONDUCTEUR

(71) TESEDA CORPORATION [US/US]; 315 SW 5th Avenue, #1100, Portland, OR 97204-1753 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIMAYE, Ajit, M. [US/US]; 15064 NW Central Drive, Apartment 1303, Portland, OR 97229 (US). DECHER, Peter, H. [US/US]; 3 Windsor Court, Lake Oswego, OR 97034 (US). NIEHAUS, Horst, Roland [CR/US]; 5104 SW View Point Terrace, Portland, OR 97239 (US).

(74) WIGHT, Stephen, A.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G01R 31/3167
(11) WO 2004/106956 (13) A1
(21) PCT/US2004/016087
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 60/473,182 23 May/mai 2003 US
(23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • A METHOD FOR TESTING ANALOG
AND MIXED-SIGNAL CIRCUITS US-
ING FUNCTIONALLY RELATED EXCI-
TATIONS AND FUNCTIONALLY RE-
LATED MEASUREMENTS
• PROCEDE DE TEST DE CIRCUITS
ANALOGIQUES ET A SIGNAUX
MIXTES EFFECTUE AU MOYEN
DE SIGNAUX D'EXCITATION FON-
CTIONNELLEMENT ASSOCIES ET DE
MESURES FONCTIONNELLEMENT
ASSOCIEES
(71) IOWA STATE UNIVERSITY RE-
SEARCH FOUNDATION, INC. [US/US];
310 Lab of Mechanics, Ames, IA 50011
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) GEIGER, Randall [US/US]; 310 Lab
of Mechanics, Ames, IA 50011 (US).
PARTHASARATHY, Kumar [IN/US];
8321 Southwestern Blvd., Dallas, TX 75206
(US). CHEN, Degang [US/US]; 310 Lab of
Mechanics, Ames, IA 50011 (US). KUYEL,
Turker [TR/US]; 1720 S. Lakeshore Blvd.,
Apt. 241, Austin, TX 78741 (US). JIN, Le
[CN/US]; 310 Lab of Mechanics, Ames, IA
50011 (US).
(74) GOODHUE, John, D.; McKee, Voorhees &
Sease, PLC, 801 Grand Avenue, Suite 3200,
Des Moines, IA 50309 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G01R 31/3185
(11) WO 2004/106958 (13) A1
(21) PCT/IB2004/001750
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/475,239 3 Jun/juin 2003 US
(03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • DELAY-FAULT TESTING METHOD,
RELATED SYSTEM AND CIRCUIT
• PROCEDE, SYSTÈME ET CIRCUIT DE
CONTRÔLE D'ERREURS DE RETARD
(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) WINGEN, Neal, T. [US/US]; 1109
McKay Drive, M/S-41SJ, San Jose, CA
95131 (US). EHMANN, Gregory, E.
[US/US]; 1109 McKay Drive, M/S-41SJ,
San Jose, CA 95131 (US).
(74) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.; c/o LESTER, Shannon, 1109
McKay Drive, M/S-41SJ, San Jose, CA
95131 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Declaration / Déclaration :
*(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)*
-
- (51)⁷ G01R 33/28
(11) WO 2004/106959 (13) A1
(21) PCT/IB2004/050779
(22) 26 May/mai 2004 (26.05.2004)
(25) en (26) en
(30) 03101615.7 3 Jun/juin 2003 EP
(03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • CONTRAST-ENHANCED MOVING
TABLE MR ARTERIOGRAPHY WITH
STOCHASTIC SAMPLING OF CEN-
TRAL K-SPACE
• ARTERIOGRAPHIE PAR RM A AUG-
MENTATION DE CONTRASTE SUR
TABLE MOBILE AVEC ECHAN-
TILLONNAGE STOCHASTIQUE DE
L'ESPACE CENTRAL DU TYPE K
(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) VAN DEN BRINK, Johan, S. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). FUDERER, Miha [BE/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). HARVEY, Paul, R. [GB/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) SCHOUTEN, Marcus, M.; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
-
- Published / Publiée : (c)
-
- (51)⁷ G01R 31/3181
(11) WO 2004/106957 (13) A2
(21) PCT/IB2004/050731
(22) 18 May/mai 2004 (18.05.2004)

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01R 33/3873

(11) WO 2004/106960 (13) A1

(21) PCT/IB2004/001530

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/474,637 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MAGNETIC RESONANCE IMAGING SCANNER WITH MOLDED FIXED SHIMS

- SCANNEUR D'IMAGERIE A RESONANCE MAGNETIQUE AVEC DES CALES FIXES MOULEES

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) AMOR, William, H. [US/US]; 595 Miner Road, Cleveland, Ohio 44143 (US). EVERETT, Dennis, K. [US/US]; 595 Miner Road, Cleveland, Ohio 44143 (US). ALDEN, Jerome, S. [US/US]; 595 Miner Road, Cleveland, Ohio 44143 (US). HENDERSON, Robert, G. [US/US]; 595 Miner Road, Cleveland, Ohio 44143 (US). DOYLE, Terrence, M. [US/US]; 595 Miner Road, Cleveland, Ohio 44143 (US). SHARPLESS, Ronald, B. [US/US]; 595 Miner Road, Cleveland, Ohio 44143 (US). MULDER, Gerardus, B., J. [NL/NL]; P.O. Box 220, NL-5600 AE Eindhoven (NL). PEEREN, Gerardus, N. [NL/NL]; P.O. Box 220, NL-5600 AE Eindhoven (NL).

- (74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; C/O LUNDIN, Thomas, M., 595 Miner Road, Cleveland, OH 44143 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01R 33/44, G06N 1/00

(11) WO 2004/106961 (13) A1

(21) PCT/AU2004/000741

(22) 3 Jun/juin 2004 (03.06.2004)

(25) en (26) en

(30) 2003902762 3 Jun/juin 2003 AU (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD AND APPARATUS FOR INCREASING THE COHERENCE TIME OF AN ATOMIC SPIN SYSTEM

- PROCEDE ET DISPOSITIF DESTINES A AUGMENTER LE TEMPS DE COHERENCE D'UN SYSTEME DE SPIN ATOMIQUE

- (71) THE AUSTRALIAN NATIONAL UNIVERSITY [AU/AU]; -, -, Acton, Australian Capital Territory 2601 (AU).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) FRAVAL, Elliot [AU/AU]; -, 51 Learmonth Drive, Kambah, Australian Capital Territory 2902 (AU). SELLARS, Matthew [AU/AU]; -, 10 Wandoo Street, O'Connor, Australian Capital Territory 2602 (AU). LONGDELL, Jevon [NZ/AU]; -, 308 Antill Street, Hackett, Australian Capital Territory 2602 (AU).

- (74) ALLEN, Leon, K et al. / etc.; Davies Collision Cave, 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 33/565

(11) WO 2004/106962 (13) A1

(21) PCT/AU2003/000662

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD AND APPARATUS FOR MAPPING AND CORRECTING GEOMETRIC DISTORTION IN MRI

- PROCEDE ET APPAREIL POUR FAIRE CORRESPONDRE ET CORRIGER LA DISTORSION GEOMETRIQUE DANS UN IRM

- (71) THE UNIVERSITY OF QUEENSLAND [AU/AU]; St Lucia, QLD 4067 (AU).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) WANG, Deming [CN/AU]; The University of Queensland, Centre for Magnetic Resonance, St Lucia, QLD 4072 (AU). DODDRELL, David, Michael [AU/AU]; 6 Lucerne Street, Westlake, QLD 4074 (AU).

- (74) CULLEN & CO.; Level 26, Hitachi Building, 239 George Street, Brisbane, QLD 4000 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S

(11) WO 2004/106963 (13) A2

(21) PCT/US2004/016160

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/473,672 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD FOR TRACKING LOCATION OF A MOBILE UNIT

- PROCEDE DE REPERAGE DE LA POSITION D'UNE UNITE MOBILE

- (71) SYMBOL TECHNOLOGIES, INC. [US/US]; One Symbol Plaza, Holtsville, NY 11742 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) GOREN, David, P. [US/US]; 54 Steven Place, Smithtown, NY 11787 (US).

- (74) SCHEINFELD, Robert, C. et al. / etc.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S

- (11) WO 2004/106964 (13) A2
(21) PCT/US2004/016161
(22) 24 May/mai 2004 (24.05.2004)
(25) en (26) en
(30) 60/473,096 23 May/mai 2003 US (23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • SELF CALIBRATION OF SIGNAL STRENGTH LOCATION SYSTEM
• ETALONNAGE AUTOMATIQUE D'UN SYSTEME DE LOCALISATION FONDE SUR L'INTENSITE DU SIGNAL

- (71) SYMBOL TECHNOLOGIES, INC. [US/US]; One Symbol Plaza, Holtsville, NY 11742 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) ZEGELIN, Chris [US/US]; 15680 Alum Rock Avenue, San Jose, CA 95127 (US). GOREN, David, P. [US/US]; 54 Steven Place, Smithtown, NY 11787 (US).

- (74) SCHEINFELD, Robert, C. et al. / etc.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S

- (11) WO 2004/106965 (13) A2
(21) PCT/US2004/016762
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 60/473,512 27 May/mai 2003 US (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • RADAR OR SENSOR SYSTEM WITH HIERARCHICAL ARCHITECTURE AND RECONFIGURABLE FUNCTIONALITY
• SYSTEME RADAR OU SYSTEME DE DETECTION PRESENTANT UNE ARCHITECTURE HIERARCHIQUE ET

UNE FONCTIONNALITE RECONFI-
GURABLE

- (71) CLEAN EARTH TECHNOLOGIES, LLC [US/US]; 13378 Lakefront Drive, St. Louis, MO 63045 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) BLANCHARD, Andrew [US/US]; 230 Amanda Court, Murphy, TX 75094 (US). GOLDEN, Jeffry [US/US]; 12919 Wallingshire Court, Creve Coeur, MO 63141 (US). CILIA, Andrew [US/US]; 5963 Rosebud Drive, Dallas, TX 75252 (US).

- (74) KANG, Grant, D. et al. / etc.; Husch & Eppenberger, LLC, 190 Carondelet Plaza, Suite 600, St. Louis, MO 63105 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S 1/00, 1/02, 1/04, G06F 11/00

- (11) WO 2004/106966 (13) A1
(21) PCT/CA2004/000766
(22) 25 May/mai 2004 (25.05.2004)
(25) en (26) en
(30) 10/448,215 30 May/mai 2003 US (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • LOW COST, HIGH INTEGRITY DIGITAL SIGNAL PROCESSING
• SYSTEME DE TRAITEMENT DE SIGNAUX, A HAUTE FIABILITE ET PEU ONEREUX

- (71) CMC ELECTRONICS INC. [CA/CA]; 600 Dr. Frederik Philips Boulevard, Ville Saint-Laurent, Québec H4M 2S9 (CA).

- (72) STUDENNY, John; 6648 15th Avenue, Montreal, Québec H1X 2V5 (CA). DOMEY, Daniel; 150 Trenton Avenue, Montreal, Québec H3P 1Z4 (CA).

- (74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :
(s) for all designations / pour toutes les désignations

(51)⁷ G01S 5/14, F42B 10/14

- (11) WO 2004/106967 (13) A1
(21) PCT/US2004/015643
(22) 19 May/mai 2004 (19.05.2004)
(25) en (26) en
(30) 10/444,938 23 May/mai 2003 US (23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • A METHOD FOR PROVIDING INTEGRITY BOUNDING OF WEAPONS
• PROCEDE D'ETABLISSEMENT DE LIMITE D'INTEGRITE DES ARMES

- (71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, Massachusetts 02451-1449 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MCKENDREE, Thomas, L. [US/US]; 8381 Castilian Drive, Huntington Beach, California 92646 (US). BRITIGAN, John, D. [US/US]; 3645 Green Garden Lane, Orange, California 92867 (US). HABEREDER, Hans, L. [US/US]; 6309 E. Smokey Avenue, Orange, CA 92867 (US).

- (74) MOFFORD, Donald, F. et al. / etc.; Suite 101, 275 Turnpike Street, Canton, Massachusetts 02021 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

(51)⁷ G01S 7/00

- (11) WO 2004/106968 (13) A1
(21) PCT/CH2004/000275
(22) 6 May/mai 2004 (06.05.2004)
(25) de (26) de
(30) 956/03 28 May/mai 2003 CH (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • MATERIAL DETECTOR DEVICE
• DISPOSITIF DÉTECTEUR DE MATIÈRE

- (71, 72) **STAUBER, Siegfried** [CH/CH]; Hüttenkopfstrasse 32, CH-8051 Zürich (CH).
- (74) **ABATRON-PATENTBÜRO AG**; Altstetterstrasse 224, CH-8048 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S 15/89, 7/52

(11) WO 2004/106969 (13) A2

(21) PCT/IB2004/001709

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 60/474,573 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • **COLORFLOW BIPLANE ULTRASONIC IMAGING SYSTEM AND METHOD**
- **PROCEDE ET SYSTEME D'IMAGERIE ULTRASONORE BIPLANE COULEUR**

- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **FRISA, Janice** [US/US]; P. O. Box 3003, Bothell, WA 98041-3003 (US). **POLAND, McKee, Dunn** [US/US]; P. O. Box 3003, Bothell, WA 98041-3003 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S 15/89, A61B 8/14, 8/08

(11) WO 2004/106970 (13) A1

(21) PCT/IB2004/050793

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/475,300 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • **SYNCHRONIZING A SWIVELING THREE-DIMENSIONAL ULTRASOUND DISPLAY WITH AN OSCILLATING OBJECT**

- **SYNCHRONISATION D'UNE IMAGE ULTRASONORE TRIDIMENSIONNELLE PIVOTANTE AVEC UN OBJET OSCILLANT**

- (71) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **THIELE, Karl** [US/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

- (74) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.**; c/o VODOPIA, John, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G01S 17/88, 7/48, G02F 1/39

(11) WO 2004/106971 (13) A1

(21) PCT/JP2003/006874

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • **COHERENT LASER RADAR**
- **RADAR A LASER COHERENT**

- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **YANAGISAWA, Takayuki** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YAMAMOTO,**

- Syuhei** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **HIRANO, Yoshihito** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **KAMEYAMA, Shumpei** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **ANDO, Toshiyuki** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

- (74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) JP US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G01T

(11) WO 2004/106972 (13) A2

(21) PCT/US2004/018476

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/473,280 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • **OPTICALLY STIMULATED LUMINESCENCE RADIATION DOSIMETRY METHOD TO DETERMINE DOSE RATES DURING RADIOTHERAPY PROCEDURES**

- **PROCEDE DE DOSIMETRIE DU RAYONNEMENT DE LUMINESCENCE STIMULEE OPTIQUEMENT POUR DETERMINER LES DEBITS DE DOSE AU COURS DE SEANCES DE RADIOTHERAPIE**

- (71) **THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY** [US/US]; 203 Whitehurst, Oklahoma State University, Stillwater, OK 74078 (US). **LANDAUER, INC.** [US/US]; 2 Science Road, Glenwood, IL 60425 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72) **GAZA, Razvan**; 86 S. University Place, Apt. #11, Stillwater, OK 74075 (US). **AKSELROD, Mark, S.**; 516 Wedgewood Drive, Stillwater, OK 74075 (US). **McKEEVER, Stephen, W., S.**; 1111 W. Newman Avenue, Stillwater, OK 74075 (US).

- (74) **WEEKS, Alan, R.**; Fellers, Snider, Blankenship, Bailey & Tippens, PC, Suite 800, 321 S. Boston, Tulsa, OK 74103-3318 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ G01V
 (11) WO 2004/106973 (13) A2
 (21) PCT/US2004/010427
 (22) 5 Apr/avr 2004 (05.04.2004)
 (25) en (26) en
 (30) 10/446,322 28 May/mai 2003 US
 (28.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • ELECTRIC POWER GRID INDUCED GEOPHYSICAL PROSPECTING METHOD AND APPARATUS
 • PROCEDE ET APPAREIL DE PROSPECTION GEOPHYSIQUE A L'AIDE D'UN RESEAU ELECTRIQUE
 (71) WAVE TECHNOLOGY, INC. [US/US]; P.O. Box 56726, Houston, TX 77256 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WEAVER, Barry, W. [US/US]; 3121 Las Palmas, Houston, TX 77027 (US). WARREN, Roy, K. [US/US]; 11322 Woodedged Drive, Houston, TX 77065 (US).
 (74) YE, Liangang; Wong, Cabello, Lutsch, Rutherford & Brucculeri, L., L.P., 20333 Tomball Parkway, Suite 600, Houston, TX 77070 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G01V
 (11) WO 2004/106974 (13) A2
 (21) PCT/US2004/015896
 (22) 20 May/mai 2004 (20.05.2004)
 (25) en (26) en
 (30) 60/472,884 23 May/mai 2003 US
 (23.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • METHOD FOR PREDICTING GRAIN SIZE DISTRIBUTION FROM THE SHAPE OF A SEDIMENTARY BODY
 • PROCEDE DE PREDICTION DE LA GRANULOMETRIE A PARTIR DE LA FORME D'UN CORPS SEDIMENTAIRE
 (71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).
 (72) DEFFENBAUGH, Max; 14822 Flowerwood Drive, Houston, TX 77062 (US). VAN WAGONER, John, C.; 4115 Merrick Street, Houston, TX 77025 (US). HUH, Chun; 7510 Stonecliff Drive, Austin, TX 78731 (US).

- SUN, Tao; 2106 Westshore Drive, Missouri City, TX 77459 (US).
 (74) KATZ, Gary, P. et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G01V 1/36
 (11) WO 2004/106975 (13) A1
 (21) PCT/IB2004/002003
 (22) 27 May/mai 2004 (27.05.2004)
 (25) en (26) en
 (30) 03 06451 27 May/mai 2003 FR
 (27.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • METHOD OF SEISMIC PROCESSING FOR THE DECOMPOSITION OF A WAVEFIELD INTO HARMONIC COMPONENTS
 • PROCEDE DE TRAITEMENT DE DONNEES SISMQUES POUR LA DECOMPOSITION D'UN CHAMP D'ONDES EN COMPOSANTS HARMONIQUES
 (71) COMPAGNIE GENERALE DE GEOPHYSIQUE [FR/FR]; 1, rue Léon-Migaux, F-91300 Massy (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SOUBARAS, Robert [FR/FR]; 12, rue de la Prairie des Iles, F-91400 Orsay (FR).
 (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, Cedex 17, F-75847 Paris (FR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G02B
 (11) WO 2004/106977 (13) A2
 (21) PCT/IL2004/000479
 (22) 3 Jun/juin 2004 (03.06.2004)
 (25) en (26) en
 (30) 60/474,936 3 Jun/juin 2003 US
 (03.06.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • INFRARED OPTICAL FIBERS
 • FIBRES OPTIQUES INFRAROUGES
 (71) RAMOT AT TEL-AVIV UNIVERSITY LTD. [IL/IL]; P.O.Box 39296, 32 Haim Levanon St., 61392 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) RAVE, Eran [IL/IL]; 5 Zalman Shazar St., 45372 Hod Hasharon (IL). KATZIR, Abaraham [IL/IL]; 15 Him St., Afeka, 69696 Tel Aviv (IL).
 (74) FRIEDMAN, Mark; 7 Haomanim St., 67897 Tel Aviv (IL).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

Declaration / Déclaration :
(u) for / pour US only / seulement

- (51)⁷ G01V 11/00
 (11) WO 2004/106976 (13) A1
 (21) PCT/EP2004/005612

- (22) 25 May/mai 2004 (25.05.2004)
 (25) de (26) de
 (30) 103 24 325.9 27 May/mai 2003 DE
 (27.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • METHOD FOR DETECTING MIGRATION PATHS AND FOR THE USE THEREOF FOR THE EXTRACTION OF NATURAL GAS AND PETROLEUM AND FOR FINDING NEW NATURAL GAS AND PETROLEUM DEPOSITS
 • PROCEDE POUR DETERMINER DES VOIES DE MIGRATION ET POUR UTILISER CES VOIES DE MIGRATION POUR EXTRAIRE DU GAZ NATUREL ET DU PETROLE AINSI QUE POUR DETECTER DE NOUVEAUX GISEMENTS DE GAZ NATUREL ET DE PETROLE
 (71, 72) LOOS, Joachim [DE/DE]; Habichtweg 8, 45699 Herten (DE). EHRHARDT, Wilhelm [DE/DE]; Prattwinkel 10, 44807 Bochum (DE). ADAM, Udo [DE/DE]; Heinrich-Kämpchen-Strasse 29, 44879 Bochum (DE).
 (74) MÜLLER, Karl-Ernst et al. / etc.; Turmstrasse 22, 40878 Ratingen (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) **WO 2004/106978** (13) A2

(21) PCT/KR2003/001076

(22) **31 May/mai 2003 (31.05.2003)**

(25) ko (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **PACKAGING METHOD FOR FABRICATION OF THE OPTICAL TRANSMITTER AND RECEIVER IN THE OPTICAL WIRELESS COMMUNICATION SYSTEM**

• PROCEDE DE MISE EN BOITIER POUR LA FABRICATION D'UN EMETTEUR / RECEPTEUR OPTIQUE DANS UN SYSTEME OPTIQUE DE COMMUNICATION SANS FIL

(71) **LUMENLINK, CO., LTD** [KR/KR]; Dept. of Physics, Sogang University, 1-1 Shinsoodong, Mapo-gu, 121-742 Seoul (KR). **INSTITUTE OF INFORMATION TECHNOLOGY ASSESSMENT** [KR/KR]; 52,Eocundong, Yuseong-gu, Daejeon-si 305-333 (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JEONG, Heeseong** [KR/KR]; Hyundai Apt. 103-1303, Dohwal-dong, Mapo-gu, 121-041 Seoul (KR). **CHO, Kyuman** [KR/KR]; Hyundai Villa 4-201, 530-1, Suyoo6-dong, Gangbuk-gu, 142-076 Seoul (KR).

(74) **PARK, Kyungwan** et al. / etc.; KCAT Bldg., 6th Fl. #615, 159-6, Samsung-dong, Gangnam-gu, Seoul 135-728 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) **WO 2004/106979** (13) A2

(21) PCT/US2004/015478

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 10/444,582 **23 May/mai 2003 US (23.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **ULTRA LOW RESIDUAL REFLECTION, LOW STRESS LENS COATING**

• REVETEMENT DE LENTILLE A FAIBLE CONTRAINTE ET A REFLEXION RESIDUELLE ULTRA-FAIBLE

(71) **OPTIMA, INC.** [US/US]; 111 Research Drive, Stratford, CT 06497 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOENIG, Glen, A.** [US/US]; 483 King Street, Stratford, CT 06614 (US). **NIEJELOW, Nicholas, G.** [US/US]; 10 Maple Street, Stratford, CT 06615 (US).

(74) **DELIO, Anthony, P.** et al. / etc.; 121 Whitney Avenue, New Haven, CT 06510 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) **WO 2004/106980** (13) A2

(21) PCT/US2004/015608

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 60/472,499 **21 May/mai 2003 US (21.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **SYSTEM AND METHOD FOR PROVIDING A UNIFORM SOURCE OF LIGHT**

• SYSTEME ET PROCEDE FOURNISANT UNE SOURCE LUMINEUSE UNIFORME

(71) **ADVANCED DIGITAL OPTICS, INC.** [US/US]; 822 Hampshire Road, Unit E, Westlake Village, CA 91361 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FERRI, John, M.** [US/US]; 417 View Park Court, Oak Park, CA 91377 (US). **GENSIKE, Karl, H.** [US/US]; 32208 Breezport Drive, Westlake Village, CA 91361 (US).

(74) **VAKIL, Ketan, S.**; Snell & WILMER LLP, 1920 Main Street, Suite 1200, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) **WO 2004/106981** (13) A2

(21) PCT/US2004/015801

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 10/317,531 **23 May/mai 2003 US (23.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **EXTERIOR INSTALLATION OF ARMORED FIBER OPTIC CABLE**

• INSTALLATION EN EXTERIEUR DE CABLE DE FIBRES OPTIQUES ARMEES

(71) **CORNING CABLE SYSTEMS LLC** [US/US]; Post Office Box 489, 800 17th Street, NW, Hickory, NC 28603 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SERRANO, Jorge R.** [US/US]; 1750 10th Street Court NW, Hickory, NC 28601 (US). **BAIRD, Paul R.** [US/US]; 6089 Northlake Drive, Hickory, NC 28601 (US).

(74) **CARROLL, JR., Michael E.**; Post Office Box 489, 800 17th Street, NW, Hickory, NC 28603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) **WO 2004/106982** (13) A2

(21) PCT/US2004/016214

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,712 **22 May/mai 2003 US (22.05.2003)**

(30) 60/472,617 **22 May/mai 2003 US (22.05.2003)**

(30) 60/532,105 **22 Dec/déc 2003 US (22.12.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **OPTICAL COMBINER DESIGNS AND HEAD MOUNTED DISPLAYS**

• MODELES DE COMBINEURS OPTIQUES ET VISIOLASQUES

(71) **OPTICAL RESEARCH ASSOCIATES** [US/US]; 3280 E. Foothill Blvd., Suite 300, Pasadena, CA 91107 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROGERS, John, R.** [US/US]; 404 W. Hillcrest Boulevard, Monrovia, CA 91016 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B(11) **WO 2004/106983** (13) A2

(21) PCT/US2004/016221

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,712 **22 May/mai 2003 US (22.05.2003)**(30) 60/472,823 **22 May/mai 2003 US (22.05.2003)**(30) 60/472,713 **22 May/mai 2003 US (22.05.2003)**(30) 60/472,617 **22 May/mai 2003 US (22.05.2003)**(30) 60/532,105 **22 Dec/déc 2003 US (22.12.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **ILLUMINATION IN OPTICAL SYSTEMS**• **ECLAIRAGE DANS DES SYSTEMES OPTIQUES**

(71) **OPTICAL RESEARCH ASSOCIATES** [US/US]; 3280 E. Foothill Boulevard, Suite 300, Pasadena, CA 91107 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCGUIRE, James, P., Jr.** [US/US]; 1720 Kaweah Dr., Pasadena, CA 91105 (US). **ROGERS, John** [US/US]; 404 W. Hillcrest Blvd., Monrovia, CA 91016 (US). **NUTTER, Doug** [US/US] (US). **CASSARLY, Bill** [US/US]; 6329 Caddles Wy., Mason, OH 45040 (US).

(74) **ALTMAN, Daniel, E.**; **NOBBE, MARTENS, OLSON AND BEAR, LLP**, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B(11) **WO 2004/106984** (13) A2

(21) PCT/US2004/016307

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 60/473,662 **23 May/mai 2003 US (23.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **OPTICALLY STIMULATED LUMINESCENCE RADIATION DOSIMETRY METHOD TO DETERMINE INTEGRATED DOSES AND DOSE RATES AND A METHOD TO EXTEND THE UPPER LIMIT OF MEASURABLE ABSORBED RADIATION DOSES DURING IRRADIATION**

• **DESOMETRIE DES RAYONNEMENTS PAR LUMINESCENCE STIMULEE OPTIQUEMENT, DESTINE A DETERMINER DES DOSES INTEGREES ET DES DEBITS DE DOSES, ET PROCEDE POUR AUGMENTER LA LIMITE SUPERIEURE DES DOSES DE RAYONNEMENT ABSORBEES MESURABLES LORS D'UNE IRRADIATION**

(71) **THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY** [US/US]; 203 Whitehurst, Oklahoma State University, Stillwater, OK 74078 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **POLF, Jeremy, C.**; 3003 Memorial Court, Apt. #1335, Houston, TX 77007 (US). **GAZA, Razvan**; 86 S. University Place, Apt. #11, Stillwater, OK 74075 (US). **MCKEEVER, Stephen, W., S.**; 1111 W. Newman Avenue, Stillwater, OK 74075 (US).

(74) **WEEKS, R., Alan**; Fellers, Snider, Blankenship, Bailey & Tippens, P.C., Suite 800, 321 South Boston, Tulsa, OK 74103-3318 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B(11) **WO 2004/106985** (13) A2

(21) PCT/US2004/016829

(22) **28 May/mai 2004 (28.05.2004)**

(25) en (26) en

(30) 60/474,113 **29 May/mai 2003 US (29.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **DOUBLE-CLAD FIBER SCANNING MICROSCOPE**

• **MICROSCOPE ELECTRONIQUE A BALAYAGE AVEC FIBRES DOUBLE GAINÉ**

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; Technology Management Office, Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, MI 48109-1280 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YE, Jing, Yong** [CN/US]; 2735 Aspen Ridge Dr., Ann Arbor, MI 48103 (US). **NORRIS, Theodore, B.** [US/US]; 7207 Donovan Road, Dexter, MI 48130 (US).

(74) **ERJAVAC, Stanley, M. et al.** / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G02B(11) **WO 2004/106986** (13) A2

(21) PCT/US2004/017071

(22) **28 May/mai 2004 (28.05.2004)**

(25) en (26) en

(30) 60/474,027 **29 May/mai 2003 US (29.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • **MASKLESS FABRICATION OF WAVEGUIDE MIRRORS**

• **FABRICATION DE MIROIRS DE GUIDE D'ONDE SANS MASQUE**

(71) **APPLIED MATERIALS INC.** [US/US]; 3050 Bowers Avenue, MS/2061, Santa Clara, CA 95054 (US).

- (72) LEON, Francisco, A.; 777 Addison Avenue, Palo Alto, CA 94301 (US). WEST, Lawrence, C.; 774 Blairwood Court, San Jose, CA 95120-2203 (US). WOJCIK, Gregory, L.; 7145 Hihn Road, Ben Lomond, CA 95005 (US). WADA, YUICHI; C307 4-3-1 Hyoshidai, Tomisato-shi, Chiba 286-0201 (JP).
- (74) PRAHL, Eric, L. et al. / etc.; Hale and Dorr LLP, 60 States Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G02B
- (11) WO 2004/106987 (13) A2
- (21) PCT/US2004/017186
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 60/474,155 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMPURITY-BASED WAVEGUIDE DETECTORS
 - DETECTEURS DE GUIDE D'ONDES UTILISANT DES IMPURETES
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, MS/2061, Santa Clara, CA 95054 (US).
- (72) WEST, Lawrence, C.; 774 Blairwood Ct., San Jose, CA 95120-2203 (US). PEARSALL, Thomas, P.; 18, rue des Petits Champs, F-75002 Paris (FR). LEON, Francisco, A.; 777 Addison Avenue, Palo Alto, CA 94301 (US). MOFFAT, Stephen; Seafield Coach House Millbrook, Channel Islands, Jersey (GB).
- (74) PRAHL, Eric, L. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G02B 1/04
 - (11) WO 2004/106988 (13) A2
 - (21) PCT/US2004/014349
 - (22) 7 May/mai 2004 (07.05.2004)
 - (25) en (26) en
 - (30) 10/443,387 22 May/mai 2003 US (22.05.2003)
 - (43) 9 Dec/déc 2004 (09.12.2004)
 - (54) • OPTICAL ELEMENT WITH NANOPARTICLES
 - ELEMENT OPTIQUE CONTENANT DES NANOPARTICULES
 - (71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) KAMINSKY, Cheryl Jane [US/US]; 524 Glenview Court, Webster, New York 14580 (US). BOURDELAIS, Robert Paul [US/US]; 59 Oakshire Way, Pittsford, New York 14534 (US). IRVIN, Glen Clifford Jr. [US/US]; 168 Annie Lane, Rochester, New York 14626 (US).
 - (74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, NY 14650-2201 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
- (t) for all designations / pour toutes les désignations*
-
- (51)⁷ G02B 1/04, 5/04
 - (11) WO 2004/106989 (13) A1
 - (21) PCT/US2004/014350
 - (22) 7 May/mai 2004 (07.05.2004)
 - (25) en (26) en
 - (30) 10/443,204 22 May/mai 2003 US (22.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
 - (54) • IMMISIBLE POLYMER FILLED OPTICAL ELEMENTS
 - ELEMENTS OPTIQUES REMPLIS D'UN POLYMERE IMMISCIBLE
 - (71) EASTMAN KODAK COMPANY [US/US]; XX (US).
 - (72, 75) KAMINSKY, Cheryl, Jane [US/US]; 524 Glenview Court, Webster, NY 14580 (US). BOURDELAIS, Robert, Paul [US/US]; 59 Oakshire Way, Pittsford, NY 14534 (US). BRICKEY, Michael, Robert [US/US]; 524 Glenview Court, Webster, NY 14580 (US).
 - (74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, NY 14650-2201 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
- (t) for all designations / pour toutes les désignations*
-
- (51)⁷ G02B 1/04, C08F 2/48, 2/50, G02C 7/02, 7/04, G02B 27/00
 - (11) WO 2004/106990 (13) A1
 - (21) PCT/US2004/015828
 - (22) 19 May/mai 2004 (19.05.2004)
 - (25) en (26) en
 - (30) 60/472,669 21 May/mai 2003 US (21.05.2003)
 - (43) 9 Dec/déc 2004 (09.12.2004)
 - (54) • APPARATUS AND METHOD FOR CURING OF UV-PROTECTED UV-CURABLE MONOMER AND POLYMER MIXTURES
 - APPAREIL ET PROCÉDE POUR LE DURCISSEMENT DE MÉLANGES DE POLYMERES ET DE MONOMERES DURCISSANT AUX UV, PROTEGES CONTRE LES UV

(71) **OPHTHONIX, INC.** [US/US]; 10455 Pacific Center Court, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAI, Shui, T.** [US/US]; 1224 Orchard Glen Circle, Encinitas, California 92024 (US).

(74) **HART, Daniel; Knobbe, Martens, Olson & Bear, LLP**, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 3/00**

(11) **WO 2004/106991** (13) A1

(21) PCT/JP2004/007414

(22) **24 May/mai 2004 (24.05.2004)**

(25) ja (26) ja

(30) 2003-148507 **27 May/mai 2003 (27.05.2003)** JP

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPTICAL ELEMENT
 • ELEMENT OPTIQUE

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 1008331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAYASHI, Masatoshi** [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 1008331 (JP).

(74) **HOSOE, Toshiaki; Corpo Fuji 605**, 3-6, Nishikanagawa 1-Chome, Kanagawa-ku, Yokohama, Kanagawa, 2210822 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 3/08, 5/18, 3/10, H04N 9/31, 5/74, G03B 21/62**

(11) **WO 2004/106992** (13) A2

(21) PCT/FR2004/050199

(22) **17 May/mai 2004 (17.05.2004)**

(25) fr (26) fr

(30) 0306064 **20 May/mai 2003 (20.05.2003)** FR

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FRESNEL LENS, PROJECTION SCREEN, CORRESPONDING PROJECTION DEVICE AND SYSTEM
 • LENTILLE DE FRESNEL, ECRAN DE PROJECTION, SYSTEME ET APPAREIL DE PROJECTION CORRESPONDANTS.

(71) **THOMSON LICENSING SA** [FR/FR]; 46, Quai Alphonse Le Gallo, F-92100 BOULOGNE BILLANCOURT (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHUBERT, Arno** [DE/FR]; 2 Allée des Chataigniers, F-35250 CHEVAIGNE (FR). **BENOIT, Pascal** [FR/FR]; 6 rue Jean Marin, F-35700 RENNES (FR).

(74) **HUCHET, Anne et al.** / etc.; 46, Quai Alphonse Le Gallo, F-92100 BOULOGNE BILLANCOURT (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 5/12**

(11) **WO 2004/106993** (13) A1

(21) PCT/US2004/010374

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 10/447,873 **29 May/mai 2003 (29.05.2003)** US

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RETROREFLECTIVE ARTICLE COMPRISING MICROSTRUCTURED ADHESIVE LAYER
 • ARTICLE RETROREFLECHISSANT COMPRENANT UN ADHESIF MICROSTRUCTURE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **THAKKAR, Bimal V.;** 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **MAZUREK, Mieczyslaw H.;** 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) **FISCHER, Carolyn A., et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **G02B 5/22**

(11) **WO 2004/106994** (13) A2

(21) PCT/US2004/016735

(22) **27 May/mai 2004 (27.05.2004)**

(25) en (26) en

(30) 10/446,148 **28 May/mai 2003 (28.05.2003)** US

(30) 10/852,682 **25 May/mai 2004 (25.05.2004)** US

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PLASMA DISPLAY PANEL FILTERS COMPRISING MULTIPLE LAYERS

• FILTRES POUR PANNEAU D’AFFICHAGE A PLASMA COMPRENANT PLUSIEURS COUCHES

(71) **SOLUTIA INCORPORATED** [US/US]; Solutia Incorporated, 575 Maryville Centre Drive, St. Louis, MO 63141 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **D’HAENE, Pol** [BE/BE]; Pol D’Haene, Pellenbergstraat 179, B-3010 Kessel-Lo (BE). **GARRETT, Paul** [US/US]; Paul Garrett, 15 Allen Road, Sturbridge, MA 01566 (US).

(74) **BRENC, Andrew, S.;** Brenc Law, 8925 Littleton Street, Fairfax, VA 22032-1474 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 5/28, H04N 5/335, 9/04**

(11) **WO 2004/106995** (13) A1

(21) PCT/JP2004/007588

(22) **26 May/mai 2004 (26.05.2004)**

- (25) ja (26) ja
 (30) 2003-152751 29 May/mai 2003 JP
 (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LIGHT RAY CUT FILTER
 • FILTRE BLOQUANT LES RAYONS INFRAROUGES
- (71) DAISHINKU CORPORATION [JP/JP]; 1389, Aza-Kono, Shinzaike Hiraoka-cho, Kakogawa-shi, Hyogo, 6750194 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAMEDA, Eiichi [JP/JP]; c/o Daishinku Corporation 1389, Aza-Kono, Shinzaike, Hiraoka-cho Kakogawa-shi, Hyogo, 6750194 (JP).
- (74) KURAUCHI, Giro; Sumitoseimei Midosuji Bldg. 14-3, Nishitemma 4-chome, Kita-ku, Osaka-shi, Osaka, 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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 (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LUMC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
 (t) for all designations / pour toutes les désignations
-
- (51)⁷ G02B 6/00
 (11) WO 2004/106997 (13) A2
 (21) PCT/US2004/014601
 (22) 10 May/mai 2004 (10.05.2004)
 (25) en (26) en
 (30) 10/442,829 21 May/mai 2003 US
 (21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LASER DRIVER CIRCUIT AND SYSTEM
 • SYSTEME ET CIRCUIT DE COMMANDE DE LASERS
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) ASURI, Bhushan; 5829 H Hickory Drive, Oak Park, CA 91377 (US). YOON, Taesub; 3347 Via Verde, Calabasas, CA 91302 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 6/12
 (11) WO 2004/106998 (13) A1
 (21) PCT/JP2004/007733
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
 (30) 2003-151594 28 May/mai 2003 JP
 (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POLYMER OPTICAL WAVEGUIDE AND OPTICAL DEVICE
 • GUIDE D'ONDES OPTIQUES POLYMER ET DISPOSITIF OPTIQUE
- (71) JSR CORPORATION [JP/JP]; 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAMAKI, Kentarou [JP/JP]; c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP). TAKASE, Hideaki [JP/JP]; c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP). ERIYAMA, Yuuichi [JP/JP]; c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP).
- (74) HIRATA, Naoyuki; HIRATA & ASSOCIATES, Takou Building Kudan 4F, 8-5, Iidabashi 2-chome, Chiyoda-ku, Tokyo 102-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 6/16, 6/04, H01S 3/03, 3/067
 (11) WO 2004/106999 (13) A1
 (21) PCT/US2004/016392
 (22) 21 May/mai 2004 (21.05.2004)
 (25) en (26) en
 (30) 60/474,834 28 May/mai 2003 US
 (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHODS OF GENERATING AND TRANSPORTING SHORT WAVELENGTH RADIATION AND APPARATUS USED THEREIN
 • PROCÉDES DE PRODUCTION ET DE TRANSPORT DE RAYONNEMENT A COURTE LONGUEUR D'ONDE ET APPAREILS UTILISES A CET EFFET
- (71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOCH, Karl W III [US/US]; 153 Lancelot Drive, Elmira, NY 14903 (US). STRELTSOV, Alexander [RU/US]; 683 W. Raven Drive, Chandler, AZ 85248 (US). WEST, James A [US/US]; 1 East Chatfield Place, Painted Post, NY 14870 (US). BORRELLI, Nicholas F [US/US]; 935 West Water Street, Elmira, NY 14905 (US).

BRUNING, John H [US/US]; 16 Chipmunk Trail, Pittsford, NY 14534 (US). **GOOD-MAN, Douglas S** [US/US]; 33 WoodStone Rise, Pittsford, NY 14534 (US). **MUELLER, Dirk** [US/US]; 1200 Warrior Way, Lafayette, CO 80026 (US). **SMITH, Charlene M** [US/US]; 222 Watauga Avenue, Corning, NY 14830 (US).

(74) **SCHAEBERLE, Timothy M**; Corning Incorporated, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 6/38

(11) **WO 2004/107000** (13) A2

(21) PCT/US2004/012269

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 10/444,122 **22 May/mai 2003 US (22.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STRAIN RELIEF BOOT WITH FLEXIBLE EXTENSION FOR GUIDING FIBER OPTIC CABLE

• GAINÉ DE RETENUE ANTI-TRACTION A EXTENSION SOUPLE PERMETTANT DE GUIDER UN CABLE FIBRE OPTIQUE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **COX, Larry R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LODER, Harry A.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LURIE, Edward B.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **MATTHIES, Mark D.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **FLORCZAK, Yen T.**, et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G02B 6/38

(11) **WO 2004/107001** (13) A1

(21) PCT/US2004/016333

(22) **25 May/mai 2004 (25.05.2004)**

(25) en (26) en

(30) 10/447,799 **29 May/mai 2003 US (29.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SELF-CONTAINED FIBER OPTIC CONNECTOR MODULE

• MODULE CONNECTEUR DE FIBRES OPTIQUES INDEPENDANT

(71) **MOLEX INCORPORATED** [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CHEN, Wenzong** [US/US]; 959 Honest Pleasure Drive, Naperville, IL 60540 (US). **MATASEK, Jeffrey, A.** [US/US]; 3320 Foxboro Drive, Apartment G, Woodridge, IL 60517 (US). **GROIS, Igor** [US/US]; 4010 Greenacre Drive, Northbrook, IL 60062 (US).

(74) **BOSE, Romi, N.**; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 6/38

(11) **WO 2004/107002** (13) A1

(21) PCT/US2004/016334

(22) **25 May/mai 2004 (25.05.2004)**

(25) en (26) en

(30) 10/445,865 **27 May/mai 2003 US (27.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FIBER OPTIC CONNECTOR WITH ROTATIONALLY ADJUSTABLE FERRULE

• CONNECTEUR DE FIBRE OPTIQUE A FERULE REGLABLE EN ROTATION

(71) **MOLEX INCORPORATED** [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GRZEGORZEWSKA, Barbara** [US/US]; 6847 West 64th Street, Chicago, IL 60638 (US). **GROIS, Igor** [US/US]; 4010 Greenacre Drive, Northbrook, IL 60062 (US). **BELENKIY, Yuriy** [US/US]; 8655 Shermer Road, Niles, IL 60714 (US).

(74) **BOSE, Romi, N.**; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 6/42, H01L 31/02, H01S 5/022

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(21) PCT/JP2004/008007

(22) **2 Jun/juin 2004 (02.06.2004)**

(25) ja (26) ja

(30) 2003-156891 **2 Jun/juin 2003 JP (02.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPTICAL TRANSMISSION/RECEPTION MODULE

• MODULE D'EMISSION-RECEPTION OPTIQUE

(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKADA, Takeshi** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 5540024 (JP). **NAKANISHI, Hiromi** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 5540024 (JP). **KUHARA, Yoshiki** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 5540024 (JP).

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- Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/107004 (13) A1
- (21) PCT/JP2004/007651
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-148984 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTICAL FIBER CABLE AND METHOD OF PRODUCING THE SAME
• CÂBLE FIBRE OPTIQUE ET SON PROCÉDÉ DE PRODUCTION
- (71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUYAMA, Yoshitaka [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). KOGANEZAWA, Koji [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). ARAI, Tomonori [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
- (74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 7/02, G11B 7/22
- (11) WO 2004/107006 (13) A1
- (21) PCT/IB2004/050703
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 03101536.5 27 May/mai 2003 EP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF ADJUSTING A COMPONENT RELATIVE TO A FRAME, SYSTEM FOR THIS PURPOSE, AND PRODUCT COMPRISING AN ADJUSTED COMPONENT LOCATED ON A FRAME
• PROCÉDÉ ET DISPOSITIF D'AJUSTEMENT D'UN COMPOSANT PAR RAPPORT A UN CADRE ET PRODUIT COMPRENANT UN COMPOSANT AJUSTÉ POSITIONNÉ SUR UN CADRE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BIERHOFF, Waltherus, C., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHLEIPEN, Johannes, J., H., B. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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- (21) PCT/JP2004/007652
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- (25) ja (26) ja
- (30) 2003-148618 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTICAL FIBER CABLE PRODUCING METHOD, AND OPTICAL FIBER CABLE
• CÂBLE FIBRE OPTIQUE ET SON PROCÉDÉ DE PRODUCTION
- (71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUYAMA, Yoshitaka [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). TSUCHIYA, Hitoshi [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 7/04
- (11) WO 2004/107007 (13) A1
- (21) PCT/JP2004/007755
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-154233 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGING DEVICE, MOBILE TERMINAL HAVING THE SAME, AND IMAGING DEVICE ASSEMBLING METHOD
• DISPOSITIF D'IMAGERIE, TERMINAL MOBILE COMPRENANT LEDIT DISPOSITIF D'IMAGERIE ET PROCÉDÉ D'ASSEMBLAGE DUDIT DISPOSITIF D'IMAGERIE
- (71) KONICA MINOLTA OPTO, INC. [JP/JP]; 2970, Ishikawa-machi, Hachioji-shi, Tokyo 1928505 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UESAKA, Takeshi [JP/JP]; C/o Konica Minolta Opto, Inc., 2970, Ishikawa-machi, Hachioji-shi, Tokyo 1928505 (JP).
- (74) SUZUKI, Hiroh; Suzuki International Patent Office, Chanokiya Bldg., 3-1, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 1030023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02B 13/00, 13/18
- (11) WO 2004/107008 (13) A1
- (21) PCT/JP2004/006648
- (22) 18 May/mai 2004 (18.05.2004)
- (25) ja (26) ja
- (30) 2003-156080 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGING LENS AND IMAGE PICKUP DEVICE USING THE SAME
- LENTILLE D'IMAGERIE ET DISPOSITIF DE PRISE D'IMAGE UTILISANT CETTE LENTILLE
- (71) SEIKO PRECISION INC. [JP/JP]; 1-1, Akanehama 1-chome, Narashino-shi, Chiba, 2758558 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NIO, Junichi [JP/JP]; c/o SEIKO PRECISION INC., 1-1, Akanehama 1-chome, Narashino-shi, Chiba, 2758558 (JP).
- (74) KATAYAMA, Shuhei; Mitsui Sumitomo Marine Tepco Building, 6-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1040031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- (51)⁷ G02B 13/00, 13/18
- (11) WO 2004/107009 (13) A1
- (21) PCT/JP2004/007455
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ja (26) ja
- (30) 2003-148506 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SMALL IMAGING LENS AND IMAGING DEVICE
- PETITE OPTIQUE D'IMAGERIE ET DISPOSITIF D'IMAGERIE
- (71) KONICA MINOLTA OPTO, INC. [JP/JP]; 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MATSUI, Takumi [JP/JP]; c/o KONICA MINOLTA OPTO, INC. 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP). SANO, Eigo [JP/JP]; c/o KONICA MINOLTA OPTO, INC. 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP).
- (74) SUZUKI, Hiroh; Suzuki International Patent Office Chanokiya Bldg., 3-1, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo, 1030023 (JP).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02B 15/16, 13/18
- (11) WO 2004/107010 (13) A1
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- (54) • ZOOM LENS AND IMAGING DEVICE
- ZOOM ET DISPOSITIF D'IMAGERIE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SUEYOSHI, Masafumi [JP/JP]
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02B 17/08, H01L 21/027
- (11) WO 2004/107011 (13) A1
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- (22) 6 May/mai 2004 (06.05.2004)
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- (30) 2003-128154 6 May/mai 2003 JP (06.05.2003)
- (30) 2003-350647 9 Oct/oct 2003 JP (09.10.2003)
- (30) 2003-364596 24 Oct/oct 2003 JP (24.10.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROJECTION OPTICAL SYSTEM, AND EXPOSURE APPARATUS AND EXPOSURE METHOD
- SYSTEME OPTIQUE DE PROJECTION ET APPAREIL D'EXPOSITION AINSI QUE PROCEDE D'EXPOSITION
- (71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OMURA, Yasuhiro [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G02B 23/00, H04N 5/225, 5/232
- (11) WO 2004/107012 (13) A1
- (21) PCT/JP2003/006877
- (22) 30 May/mai 2003 (30.05.2003)
- (25) ja (26) ja
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AUTOMATIC INTRODUCTION SYSTEM OF CELESTIAL BODY
- SYSTEME D'INTRODUCTION AUTOMATIQUE D'UN CORPS CELESTE
- (71) VIXEN CO., LTD. [JP/JP]; 5-17, Higashitokorozawa, Tokorozawa-shi, Saitama 359-0021 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FUJIMOTO, Norimasa [JP/JP]; c/o Vixen Co., Ltd., 5-17, Higashitokorozawa, Tokorozawa-shi, Saitama 359-0021 (JP). HIRONO, Mitsuki [JP/JP]; c/o Vixen Co., Ltd., 5-17, Higashitokorozawa, Tokorozawa-shi, Saitama 359-0021 (JP).
- (74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) CN JP US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- (51)⁷ G02B 23/00, H04N 7/173
- (11) WO 2004/107013 (13) A1
- (21) PCT/JP2004/007496
- (22) 31 May/mai 2004 (31.05.2004)
- (25) ja (26) ja
- (30) PCT/JP03/06877 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AUTOMATIC INTRODUCTION DEVICE FOR CELESTIAL BODIES, TERMINAL DEVICE, AND ASTRONOMICAL TELESCOPE CONTROL SYSTEM
• DISPOSITIF D'INTRODUCTION AUTOMATIQUE DE CORPS CELESTES, DISPOSITIF TERMINAL ET SYSTEME DE CONTROLE DE TELESCOPE ASTRONOMIQUE
- (71) VIXEN CO., LTD. [JP/JP]; 5-17, Higashitokorozawa, Tokorozawa-shi, Saitama 359-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJIMOTO, Norimasa [JP/JP]; c/o Vixen Co., Ltd. 5-17, Higashitokorozawa, Tokorozawa-shi, Saitama 359-0021 (JP). HIRONO, Mitsuaki [JP/JP]; c/o Vixen Co., Ltd. 5-17, Higashitokorozawa, Tokorozawa-shi, Saitama 359-0021 (JP).
- (74) SHAMOTO, Ichio et al. / etc.; Yuasa and Hara, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02B 26/04
- (11) WO 2004/107014 (13) A1
- (21) PCT/US2004/016318
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 10/447,620 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTROMAGNETIC RADIATION DETECTORS HAVING A MICROELECTROMECHANICAL SHUTTER DEVICE
• DETECTEURS DE RAYONNEMENT ELECTROMAGNETIQUE COMPRENANT UN DISPOSITIF D'OBTURATION ELECTROMECHANIQUE
- (71) MCNC RESEARCH & DEVELOPMENT INSTITUTE [US/US]; 3021 Cornwallis Road, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) DAUSCH, David, E. [US/US]; 1721 Wescott Drive, Raleigh, NC 27614 (US).
(only for / seulement pour US)
- (74) DEVINSKY, Paul et al. / etc.; McDermott, Will & Emery, 600 13th Street, NW, Washington, DC 20005-3096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G02B 26/08, H01L 41/09, G02B 6/00
- (11) WO 2004/107015 (13) A1
- (21) PCT/IB2004/050788
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 03101605.8 3 Jun/juin 2003 EP (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DISPLAY DEVICE WITH MULTIPLE CHANNEL WAVE GUIDE
• DISPOSITIF D'AFFICHAGE AVEC GUIDE D'ONDES A CANAUX MULTIPLES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN DER VAART, Nijs, C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN ABEELLEN, Frank, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BERGMAN, Anthonie, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DUINE, Peter, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GORKOM, Ramon, P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HOEVENAARS, Albericus, A., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SKORIC, Boris [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) ROLFES, Johannes, G., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G02B 27/09, 5/08
- (11) WO 2004/107016 (13) A2
- (21) PCT/EP2004/005663
- (22) 26 May/mai 2004 (26.05.2004)
- (25) de (26) de
- (30) 103 23 984.7 27 May/mai 2003 DE (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEVICE FOR CONVERTING A LIGHT BEAM
• DISPOSITIF POUR CONVERTIR UN FAISCEAU LUMINEUX
- (71) HENTZE-LISSOTSCHENKO PATENTVERWALTUNGS GMBH & CO. KG [DE/DE]; Dorfstrasse 12, 36419 Gerstengrund (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIKHAÏLOV, Aleksei [RU/DE]; Am Spörkel 67, 44227 Dortmund (DE).
- (74) BASFELD, Rainer et al. / etc.; Ostentor 9, 59757 Arnsberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02B 27/10, H01S 5/40, 3/00
- (11) WO 2004/107017 (13) A1
- (21) PCT/GB2004/002155
- (22) 19 May/mai 2004 (19.05.2004)

- (25) en (26) en
- (30) 0312443.5 **30 May/mai 2003** GB
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTICAL MULTIPLEXER
• MULTIPLEXEUR OPTIQUE
- (71) FIANIUM LIMITED [GB/GB]; Unit 20 Compass Point, Ensign Way, Hamble, Southampton, Hampshire SO31 4RA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GONCHAROV, Sergey, E. [RU/RU]; 4-211 Narodnogo Opolchenia Avenue, St. Petersburg, 198205 (RU). ZALEVSKY, Igor, D. [RU/RU]; 3 Wedenskogo Stir, Moscow 117342 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G02B 27/14, 27/09
- (11) WO 2004/107018 (13) A1
- (21) PCT/IB2004/050743
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 03101587.8 **2 Jun/juin 2003** EP
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LED ILLUMINATION SYSTEM
• SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE VAAN, Adrianus, J., S., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VAN DEN HOOVEN, Jan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02C
- (11) WO 2004/107020 (13) A2
- (21) PCT/US2004/014138
- (22) 6 May/mai 2004 (06.05.2004)
- (25) en (26) en
- (30) 10/444,896 **24 May/mai 2003** US
(24.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NARROW PROFILE INTRAOCULAR LENS
• LENTILLE INTRA-OCULAIRE A PROFIL ETROIT
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ G02B 27/22, H04N 13/00
- (11) WO 2004/107019 (13) A1
- (21) PCT/EP2004/005661
- (22) 26 May/mai 2004 (26.05.2004)
- (25) de (26) de
- (30) 103 25 146.4 **30 May/mai 2003** DE
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SPATIAL REPRESENTATION ASSEMBLY
• DISPOSITIF DE REPRESENTATION SPATIALE
- (71) X3D TECHNOLOGIES GMBH [DE/DE]; Carl-Pulfrich-Strasse 1, 07745 Jena (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RELKE, Ingo [DE/DE]; Fritz-Ritter-Strasse 6, 07747 Jena (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02C 1/02
- (11) WO 2004/107021 (13) A1
- (21) PCT/JP2004/007376
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-155813 **30 May/mai 2003** JP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HOLDING STRUCTURE OF SPECTACLE LENS, METHOD OF REPAIRING THE SPECTACLE LENS, AND SPECTACLES
• STRUCTURE DE SUPPORT DE VERRE DE LUNETTES, PROCEDE PERMETTANT DE REPARER CES VERRES, ET LUNETTES
- (71) HOYA CORPORATION [JP/JP]; 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 1618525 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAKAI, Yasushi [JP/JP]; c/o Hoya Corporation, 7-5, Nakaochiai 2-chome, Shinjuku-ku Tokyo 1618525 (JP).
- (74) ANIYA, Setuo et al. / etc.; 21 Towa Bldg. 3F, 4-6-1, Iidabashi, Chiyoda-ku, Tokyo 1020072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02C 3/00, 7/10, A42B 1/18, 1/24
- (11) WO 2004/107022 (13) A1
- (21) PCT/JP2004/006194
- (22) 28 Apr/avr 2004 (28.04.2004)

- (25) ja (26) ja
- (30) 2003-155228 **30 May/mai 2003 JP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CLIP SUNGLASSES FOR CAP/SUNVISOR
• LUNETTES DE SOLEIL A CLIP DESTINEES A UNE CASQUETTE/VISIERE
- (71) SHISENDO CO., LTD. [JP/JP]; 2-5-24, Maruyama-cho, Sabae-shi, Fukui 9160019 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SASAKI, Hideki [JP/JP]; 2-5-24, Maruyama-cho, Sabae-shi, Fukui 9160019 (JP).
- (74) TAKASHIMA, Toshiro; Shibashin Kanda Bldg. 3rd Floor, 26, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 1010041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02C 3/02
- (11) WO 2004/107023 (13) A1
- (21) PCT/KR2004/001253
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 10/453,816 **3 Jun/juin 2003 US (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CUSTOM FRAME FOR EYEGGLASS LENSES AND INSTRUMENTS
• MONTURE PERSONNALISEE POUR VERRES DE LUNETTES ET INSTRUMENTS
- (71) PYO, Tae, Won [KR/KR]; #106-207 DongSung APT, 691-1 DeungChon-Dong, Kangsu-Ku, Seoul 157-030 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) PYO, Han Seung [US/US]; 12393 East Cornell Avenue, Aurora, CO 80014 (US).
- (74) WON, Young-Ho; #205 Hanjoo Bldg., Yeoksam-Dong, Kangnam-Ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02C 7/04, A61B 3/103
- (11) WO 2004/107024 (13) A1
- (21) PCT/EP2004/005560
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 60/475,017 **2 Jun/juin 2003 US (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHODS AND APPARATUS FOR CONTROLLING OPTICAL ABERRATIONS TO ALTER MODULATION TRANSFER FUNCTIONS
• PROCEDES ET APPAREILS DE CONTROLE D'ABERRATIONS OPTIQUES ALTERANT LES FONCTIONS DE TRANSFERT DE MODULATION
- (71) INSTITUTE FOR EYE RESEARCH [AU/AU]; P.O. Box 6327, UNSW Sydney, NSW 1466 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RADHAKRISHNAN, Hema [IN/GB]; 28 Manhattan Drive, Cambridge, Cambridgeshire CB4 1JL (GB). O'LEARY, Daniel [GB/GB]; Anglia Polytechnic University, East Road, Cambridge CB1 1PT (GB). HO, Arthur [AU/AU]; 12/50 Fern Street, Clovelly, NSW 2031 (AU). HOLDEN, Brian [AU/AU]; 19 Leonard Avenue, Kingsford, NSW 2032 (AU). PARDHAM, Shahina [GB/GB]; 6 The Elms, Haslingfield, Cambridge CB3 7ND (GB). CALVER, Richard [GB/GB]; 5 Harding Close, Waterbeach, Cambridge CB5 9RH (GB).
- (74) BOYCE, Conor et al. / etc.; F.R. Kelly & Co, 27 Clyde Road, Ballsbridge, Dublin 4 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ G02F
- (11) WO 2004/107025 (13) A2
- (21) PCT/IL2004/000446
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 60/473,135 **27 May/mai 2003 US (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MULTI-PRIMARY DISPLAY WITH SPECTRALLY ADAPTED BACK-ILLUMINATION
• AFFICHAGE MULTI-COULEURS PRIMAIRES A RETROECLAIRAGE A ADAPTATION SPECTRALE
- (71) GENOA TECHNOLOGIES LTD. [IL/IL]; 13 Maskit St., 46733 Herzliya (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROTH, Shmuel [IL/IL]; 7 Zelig Bas Street, 49550 Petach Tikva (IL).
- (74) EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.; 7 Shenkar Street, 46725 Herzliya (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02F
- (11) WO 2004/107026 (13) A2
- (21) PCT/US2004/015622
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 60/472,687 **22 May/mai 2003 US (22.05.2003)**
- (30) unknown **17 May/mai 2004 US (17.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POLARIZATION MODULATION PHOTOREFLECTANCE CHARACTERIZATION OF SEMICONDUCTOR QUANTUM CONFINED STRUCTURES
• PHOTOREFLEXION A MODULATION DE POLARISATION, CARACTERISATION DE STRUCTURES CONFINÉES QUANTIQUES SEMI-CONDUCTRICES
- (71, 72) CHISM, William, W., II [US/US]; 2100 Newfield Lane, Autin, TX 78703 (US).
- (74) CORDER, Timothy, S.; Vinson & Elkins, L.L.P., 2300 First City Tower, 1001 Fannin Street, Houston, TX 77002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/00

(11) WO 2004/107027 (13) A2

(21) PCT/US2004/014567

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/445,761 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A POLYMER-DISPERSED LIQUID-CRYSTAL DISPLAY

• AFFICHAGE A CRISTAUX LIQUIDES A DISPERSION DE POLYMERES

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEPHENSON, Stanley W. [US/US]; 9 Town Pump Circle, Spencerport, NY 14559 (US). BRICK, Mary C. [US/US]; 483 Sun Hill Lane, Webster, NY 14580 (US).

(74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, NY 14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G02F 1/1333, 1/13363

(11) WO 2004/107028 (13) A1

(21) PCT/IB2004/050752

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101526.6 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPENSATION FILM FOR FLEXIBLE DISPLAYS

• FILM DE COMPENSATION POUR ECRANS SOUPLES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CIRKEL, Peter, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BOUTEN, Petrus C., P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, Y.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G02F 1/1343, 1/1337

(11) WO 2004/107029 (13) A1

(21) PCT/GB2004/002320

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 0312585.3 2 Jun/juin 2003 GB (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LIQUID CRYSTAL DEVICE

• DISPOSITIF A CRISTAUX LIQUIDES

(71) CAMBRIDGE UNIVERSITY TECHNICAL [GB/GB]; Services Limited, 16 Mill Lane, Cambridge CB2 1SB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CROSSLAND, William, Alden [GB/GB]; 15 School Lane, Harlow, Essex CM20 2QD (GB). DAVEY, Anthony, Bernard [GB/GB]; 33 Argyle Street, Cambridge CB1 7LR (GB).

(74) EVANS, Marc, Nigel et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/1345, G09F 9/30

(11) WO 2004/107030 (13) A1

(21) PCT/JP2004/007372

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-155018 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ARRAY SUBSTRATE FOR FLAT DISPLAY DEVICE

• SUBSTRAT DE RESEAU DESTINE A UN DISPOSITIF A ECRAN PLAT

(71) TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD. [JP/JP]; 1-8, Konan 4-chome, Minato-ku, Tokyo 1080075 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, Mitsuhiro [JP/JP]

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/17, 1/167, G09G 3/20, 3/34

(11) WO 2004/107031 (13) A1

(21) PCT/JP2004/007265

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-148900 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISPLAY DRIVE METHOD AND IMAGE DISPLAY UNIT

- PROCEDE DE COMMANDE D'AFFICHAGE ET UNITE D'AFFICHAGE D'IMAGE
- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSUCHIE, Shuhei** [JP/JP]; 7-9-13, Tokumaru, Itabashi-ku, Tokyo 175-0083 (JP). **NIHEI, Norio** [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP).
- (74) **SUGIMURA, Kosaku**; 7F, Kazan Building 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02F 1/313, G02B 6/00**
- (11) **WO 2004/107032** (13) A1
- (21) PCT/US2004/016370
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) en (26) en
- (30) 60/473,845 **27 May/mai 2003 US (27.05.2003)**
- (30) 10/745,833 **22 Dec/déc 2003 US (22.12.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **LIGHT SCATTERING IN RING/DISC RESONATORS**
- **DIFFUSION DE LA LUMIERE DANS DES RESONATEURS EN ANNEAU/A DISQUE**
- (71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE ALMEIDA, Vilson, Rosa** [US/US]; 910 Hasbrouk Apts., Ithaca, NY 14850-2657 (US). **BARRIOS, Carlos** [ES/ES]; Alcalá Galiano, 6, Puebla de Almoradiel, E-45840 Toledo (ES). **PANEPUCCI, Roberto** [US/US]; 10555 West Flagler Street, CEAS 3955, Miami, FL 33174 (US). **LIPSON, Michal** [US/US]; 8 Muriel Street, Ithaca, NY 14850 (US).
- (74) **STEFFEY, Charles, E.** et al. / etc.; SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- Published / Publiée : (c)
- (51)⁷ **G02F 1/39**
- (11) **WO 2004/107034** (13) A1
- (21) PCT/NZ2004/000110
- (22) **31 May/mai 2004 (31.05.2004)**
- (25) en (26) en
- (30) 526219 **30 May/mai 2003 NZ (30.05.2003)**
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **A TUNEABLE OPTICAL AMPLIFIER OR OPTICAL PARAMETRIC OSCILLATOR**
- **AMPLIFICATEUR OPTIQUE OU OSCILLATEUR PARAMETRIQUE OPTIQUE REGLABLES**
- (71, 72) **HARVEY, John** [NZ/NZ]; 58 Symonds Street, Auckland (NZ).
- (74) **WEST-WALKER, Gregory, J.**; A J Park, 6th Floor, Huddart Parker Building, Post Office Square, P.O. Box 949, Wellington 6015 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G03B**
- (11) **WO 2004/107035** (13) A2
- (21) PCT/US2004/015390
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 10/444,447 **22 May/mai 2003 US (22.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METHOD AND APPARATUS FOR PACKAGING A PROJECTION DEVICE**
- **PROCEDE ET APPAREIL D'EMBALLAGE DE DISPOSITIF DE PROJECTION**
- (71) **INFOCUS CORPORATION** [US/US]; 27700B SW Parkway Avenue, Wilsonville, OR 97070 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SALVATORI, Phillip, H.** [US/US]; 2155 Marvin Court N.W., Salem, OR 97304 (US).
- (74) **McCOY, Anna, B.**; Kolisch Hartwell, P.C., Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 9/02, 11/00

(11) WO 2004/107036 (13) A1

(21) PCT/JP2003/006753

(22) 29 May/mai 2003 (29.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIAPHRAGM
• DIAPHRAGME(71) NIHON SEIMITSU SOKKI CO., LTD. [JP/JP]; 2508-13, Nakago, Komochi-mura, Kitagunma-gun, Gunma 377-0293 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEGISHI, Shigeto [JP/JP]; c/o NIHON SEIMITSU SOKKI CO., LTD., 2508-13, Nakago, Komochi-mura, Kitagunma-gun, Gunma 377-0293 (JP). SAITOH, Shigeki [JP/JP]; c/o NIHON SEIMITSU SOKKI CO., LTD., 2508-13, Nakago, Komochi-mura, Kitagunma-gun, Gunma 377-0293 (JP). TOMARU, Takashi [JP/JP]; c/o NIHON SEIMITSU SOKKI CO., LTD., 2508-13, Nakago, Komochi-mura, Kitagunma-gun, Gunma 377-0293 (JP).

(74) ANIYA, Setuo et al. / etc.; 21 TOWA BLDG. 3F, 4-6-1, Iidabashi, Chiyoda-ku, Tokyo 102-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) G03B 21/14

(11) WO 2004/107037 (13) A1

(21) PCT/US2004/016389

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 10/447,128 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEEP ULTRAVIOLET UNIT-MAGNIFICATION PROJECTION OPTICAL SYSTEM AND PROJECTION EXPOSURE APPARATUS

• SYSTEME OPTIQUE DE PROJECTION A GROSSISSEMENT UNITAIRE FAISANT INTERVENIR UN RAYONNEMENT ULTRAVIOLET LOINTAIN ET APPAREIL D'EXPOSITION PAR PROJECTION

(71) ULTRATECH, INC. [US/US]; 3050 Zanker Road, San José, CA 95134 (US).

(72) MERCADO, Roméo, I.; 2977 Mountain Drive, Fremont, CA 94555 (US). ZHANG, Shiyu; 30190 Bridgeview Way, Hayward, CA 94544 (US).

(74) JONES, Allston, L.; Peters, Verny, Jones & Schmitt, LLP, Suite 230, 425 Sherman Avenue, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03B 21/56

(11) WO 2004/107038 (13) A1

(21) PCT/KR2004/001185

(22) 19 May/mai 2004 (19.05.2004)

(25) ko (26) en

(30) 10-2003-0036142 31 May/mai 2003 KR (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SURFACE REFLECTION TYPE METALLIC SCREEN AND METHOD OF MANUFACTURING THE SAME
• ECRAN METALLIQUE DE TYPE DE SURFACE DE REFLEXION ET PROCEDE DE FABRICATION DE CET ECRAN

(71, 72) CHOI, Haeyong [KR/KR]; #108-301, Mookdong 1 Park, 385, Mook-dong, Jung-rang-gu, Seoul 131-768 (KR).

(74) CHOI, Dallryong; #506, Poonglim Bldg., 823-1, Yoksam-dong, Kangnam-gu, Seoul 135-784 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 21/58

(11) WO 2004/107039 (13) A2

(21) PCT/FR2004/001248

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06277 23 May/mai 2003 FR (23.05.2003)

(30) 03/07216 16 Jun/juin 2003 FR (16.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MASKING DEVICE FOR A CINEMA SCREEN

• DISPOSITIF DE MASQUES POUR ECRAN DE CINEMA

(71, 72) DANTHONY, Guy [FR/FR]; 156, chemin du Pont de l'Ane, F-01600 Parcieux (FR).

(74) CABINET GERMAIN & MAUREAU; B.P. 6153, F-69466 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03C 1/73, 1/72, G11B 7/24, 7/135, 7/0045

(11) WO 2004/107040 (13) A1

(21) PCT/JP2004/007660

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-150633 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INFORMATION RECORDING MEDIUM AND ITS MANUFACTURING METHOD, RECORDING/REPRODUCING METHOD, AND OPTICAL INFORMATION RECORDING/REPRODUCING DEVICE

• SUPPORT D'ENREGISTREMENT D'INFORMATIONS ET SON PROCEDE DE PRODUCTION, PROCEDE D'ENREGISTREMENT/REPRODUCTION, ET DISPOSITIF OPTIQUE D'ENREGISTREMENT/REPRODUCTION D'INFORMATIONS

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIONO, Teruhiro YAMAMOTO, Hiroaki NISHINO, Seiji ITO, Tatsuo

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP Tower, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03C 1/795

(11) WO 2004/107041 (13) A1

(21) PCT/NL2004/000376

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03076622.4 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMAGING SUPPORT CONTAINING INTERFERENCE PIGMENTS

- SUPPORT D'IMAGERIE CONTENANT DES PIGMENTS INTERFERENTIELS

(71) FUJI PHOTO FILM B.V. [NL/NL]; Oudenstaart 1, NL-5047 TK Tilburg (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GILLISSEN, Hubert, Maria, Joseph [NL/NL]; Gerardusstraat 2, NL-5056 JW Berkel-Enschot (NL).

(74) WINCKELS, J., H., F.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03C 5/00, G03F 9/00

(11) WO 2004/107042 (13) A1

(21) PCT/US2004/015693

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/249,944 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR EVALUATING THE EFFECTS OF MULTIPLE EXPOSURE PROCESSES IN LITHOGRAPHY

- PROCEDE D'EVALUATION DES EFFETS DE PROCESSUS D'EXPOSITIONS MULTIPLES EN LITHOGRAPHIE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FONSECA, Carlos, A. [US/US]; 3849 Amboy Road, E-1, Staten Island, NY 10308 (US). BUKOFSKY, Scott, J. [US/US]; 51 Clearview Circle, Hopewell Junction, NY

12533 (US). LAI, Kafai [CN/US]; 108 Hillis Terrace, Poughkeepsie, NY 12603 (US).

(74) LI, Todd, M., C.; IBM Corporation, Zip 482, 2070 Route 52, Hopewell Junction, NY 12533 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03C 5/44, G03H 1/08, G03C 1/035, G03H 1/22

(11) WO 2004/107043 (13) A1

(21) PCT/IT2003/000330

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR REPRODUCING A HOLOGRAPHIC MATRIX ON A SUPPORT AND SUPPORT

- PROCEDE DE REPRODUCTION D'UNE MATRICE HOLOGRAPHIQUE SUR UN SUPPORT ET SUPPORT

(71) SECURE GLOBE S.A. [CH/CH]; Via Cattori, 3, 9600 Paradiso Lugano (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAGANI, Pietro [IT/IT]; Via Don Marzorati, 5, I-21047 Saronno (IT).

(74) SINISCALCO, Fabio et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OMPH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F

(11) WO 2004/107044 (13) A2

(21) PCT/US2004/015243

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/448,682 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MASK, MASK BLANK, PHOTOSENSITIVE MATERIAL THEREFOR AND FABRICATION THEREOF

- MASQUE, EBAUCHE DE MASQUE, MATERIAU PHOTOSENSIBLE DESTINE AU MASQUE ET FABRICATION DE CE DERNIER

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, New York 14831 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BELLMAN, Robert, A. [US/US]; 108 Weston Lane, Painted Post, New York 14870 (US). BORRELLI, Nicholas, F. [US/US]; 935 West Water Street, Elmira, New York 14905 (US). HARES, George, B. [US/US]; 31 E. Fourth Street, Corning, New York 14830 (US). SMITH, Charlene, M. [US/US]; 222 Watauga Avenue, Corning, New York 14830 (US). WALTON, Robin, M. [US/US]; 122 Fieldview Drive, Painted Post, New York 14870 (US).

(74) SCHAEBERLE, Timothy, M.; Corning Incorporated, SP-TI-3-1, Corning, New York 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F

(11) WO 2004/107045 (13) A2

(21) PCT/US2004/016016

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/444,505 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS OF CREATING PATTERNS ON SUBSTRATES AND ARTICLES OF MANUFACTURE RESULTING THEREFROM

- PROCEDES DE CREATION DE MOTIFS SUR DES SUBSTRATS ET ARTICLES DE FABRICATION OBTENUS

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way, #07-01, Centros 138668, Singapore (SG). THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; Ann Arbor, MI 48109 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAO, Lirong** [CN/US]; 2902 Sunny Slope Road, Bridgewater, NJ 08807 (US). **TAN, Li** [CN/US]; 2376 Stone Road, Ann Arbor, MI 48105 (US). **HUANG, Xudong** [CN/SG]; Blk 711, Clementi West St. 2, #09-197, Singapore 120711 (SG). **KONG, Yen, Peng** [MY/SG]; Blk 26, Dover Crescent, #20-61, Singapore 130026 (SG). **GUO, Lingjie, Jay** [CN/US]; 4910 Ravine Court, Ann Arbor, MI 48105 (US). **PANG, Stella, W.** [US/US]; 3671 Highlander Way East, Ann Arbor, MI 48108 (US). **YEE, Albert** [US/SG]; 45 Mt. Sinai Rise, #14-01, Beaver-ton Court, Singapore 276958 (SG).

(74) **KORDZIK, Kelly, K.** et al. / etc.; Winstead Sechrest & Minick P.C., P.O. Box 50784, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 1/00, 1/14

(11) WO 2004/107046 (13) A2

(21) PCT/US2004/014005

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 10/448,681 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MASK, MASK BLANK, PHOTSENSITIVE FILM THEREFOR AND FABRICATION THEREOF
• MASQUE, EBAUCHE DE MASQUE, FILM PHOTOSENSIBLE DE CE MASQUE ET FABRICATION ASSO-CIEE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BELLMAN, Robert, A.** [US/US]; 108 Weston Lane, Painted Post, NY 14870 (US). **BORRELLI, Nicholas, F.** [US/US]; 935 West Water Street, Elmira, NY 14905 (US). **WALTON, Robin, M.** [US/US]; 122 Field-view Drive, Painted Post, NY 14870 (US).

(74) **SCHAEBERLE, Timothy, M.**; Corning Incorporated, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 1/08, H01L 21/027

(11) WO 2004/107047 (13) A1

(21) PCT/JP2003/006833

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LOCAL FLARE CORRECTION
• CORRECTION D'ECLAIRAGE LOCAL

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAO, Teruyoshi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **ASAI, Satoru** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **KOKUBUN, Takayoshi**; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN JP KR US.

(51)⁷ G03F 7/00

(11) WO 2004/107048 (13) A2

(21) PCT/EP2004/005816

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 103 24 477.8 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MICROLITHOGRAPHIC PROJECTION EXPOSURE SYSTEM
• SYSTEME D'ECLAIRAGE DE PROJECTION MICROLITHOGRAPHIQUE

(71) **CARL ZEISS SMT AG** [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DODOC, Aurelian** [DE/DE]; Hainbuchenweg 7, 73447 Oberkochen (DE). **SCHUSTER, Karl, Heinz** [DE/DE]; Reibergstrasse 24, 89551 Königsbrunn (DE). **MALLMANN, Jörg** [DE/DE]; Hüttenweg 12, 56154 Boppard (DE). **ULRICH, Wilhelm** [DE/DE]; Lederacherring 44, 73434 Aalen (DE). **ROSTALSKI, Hans-Jürgen** [DE/DE]; Dietrich-Bonhoeffer-Strasse 9, 73434 Aalen (DE).

(74) **SCHWANHÄUSSER, Gernot**; Ostertag & Partner, Eibenweg 10, 70597 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/00, 7/004, H01J 9/24, 9/22, 17/49, C03C 17/00, 17/04, B32B 31/00

(11) WO 2004/107049 (13) A1

(21) PCT/JP2004/006998

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 2003-150966 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOSITION FOR DIELECTRIC OF PLASMA DISPLAY PANEL, LAMINATE FOR DIELECTRIC, AND METHOD FOR FORMING THE DIELECTRIC

• COMPOSITION POUR DIELECTRIQUE D'UN ECRAN A PLASMA, STRATIFIE POUR DIELECTRIQUE, ET PROCEDE DE FORMATION DU DIELECTRIQUE

(71) **TOKYO OHKA KOGYO CO., LTD.** [JP/JP]; 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 2110012 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SETSUDA, Hitoshi** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kanagawa 2110012 (JP). **KUMAZAWA, Akira** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 2110012 (JP). **OSHIO, Kiminori** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 2110012 (JP). **OBIYA, Hiroyuki** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 2110012 (JP).

(74) **ARAFUNE, Hiroshi** et al. / etc.; c/o KOYO INTERNATIONAL PATENT AND LAW FIRM, 5F., Nikko Kagurazaka Bldg., 18, Iwatocho, Shinjuku-ku, Tokyo 1620832 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/00

(11) WO 2004/107050 (13) A2

(21) PCT/NL2004/000381

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,810 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CHARGED PARTICLE BEAMLET EXPOSURE SYSTEM

• SYSTEME D'EXPOSITION DE MASQUES A MINI-FAISCEAU DE PARTICULES CHARGEES

(71) MAPPER LITHOGRAPHY IP B.V. [NL/NL]; Lorentzweg 1, NL-2628 CJ Delft (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRUIT, Pieter [NL/NL]; Koornmarkt 49, NL-2611 EB Delft (NL). WIELAND, Marco, Jan-Jaco [NL/NL]; c/o Mapper Lithography Holding B.V., Lorentzweg 1, NL-2628 CJ Delft (NL).

(74) DE HOOP, Eric; Octrooibureau Vriesendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G03F 7/00

(11) WO 2004/107051 (13) A2

(21) PCT/US2004/014348

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/444,124 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHOTOACID GENERATORS WITH PERFLUORINATED MULTIFUNCTIONAL ANIONS

• GENERATEURS DE PHOTOACIDES COMPRENANT DES ANIONS MULTIFONCTIONNELS PERFLUORES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) LAMANNA, William, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) KOKKO, Kent, S. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G03F 7/027

(11) WO 2004/107052 (13) A1

(21) PCT/KR2004/001300

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 10-2003-0035442 2 Jun/juin 2003 KR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NEGATIVE PHOTORESIST COMPOSITION FOR SPINLESS (SLIT) COATING

• COMPOSITION DE PHOTORESINE NEGATIVE POUR REVETEMENT SANS CENTRIFUGATION (FENTE)

(71) ADMS TECHNOLOGY CO., LTD. [KR/KR]; 459-3 Sindae-ri, Seo-myeon, Yeongi-gun, Chungcheongnam-do 339-811 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAE, You-Lee [KR/KR]; 105-1204 Chonggu Narac Apt., Jeonmin-dong,

Yuseong-gu, Daejeon 305-729 (KR). KIM, Young-Keun [KR/KR]; 103-1005 Wolbong Daewoo Apt., Ssangyong 2-dong, Cheonan-si, Chungcheongnam-do 330-781 (KR).

CHOI, Suk-Young [KR/KR]; 127-1104 Hanbit Apt., Gung-dong, Yuseong-gu, Daejeon 305-335 (KR). CHA, Hyuk-Jin [KR/KR]; 2-1502 Garam Apt., Samcheon-dong, Seo-gu, Daejeon 302-744 (KR).

LEE, Jae-Hwan [KR/KR]; 108-1604 Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR). LEE, Keun-Joo [KR/KR]; 101-304 Hanhwa Apt., Sangok 2-dong, Bupyeong-gu, Incheon 403-773 (KR).

RYU, Mi-Sun [KR/KR]; 108-409 Hwangsil Town Apt., Wolpyeong-dong, Seo-gu, Daejeon 302-280 (KR). SEO, Hyun-Jin [KR/KR]; 1064-29 Bongdeok 2-dong, Nam-gu, Daegu 705-828 (KR).

WOO, Seung-Woo [KR/KR]; 94-25 Sugok 1-dong, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do 361-836 (KR). WOO, Je-Sun [KR/KR]; 148-5 Gwangcheon-ri, Gwangcheon-cup, Hongseong-gun, Chungcheongnam-do 350-902 (KR).

YOO, Kwon-Yil [KR/KR]; 335-108 Jungnosong 1-dong, Wansan-gu, Jeonju-si, Jeollabuk-do 560-827 (KR).

LEE, Su-Hyun [KR/KR]; 182-17 Songjeong-dong, Haeundae-gu, Busan 612-040 (KR). JEONG, Yong-Man [KR/KR]; 106-610 Cheongbaek Apt., Wolgye 2-dong, Nowon-gu, Seoul 139-913 (KR).

CHOI, Bum-Young [KR/KR]; 105-520 Pyeonghwa Jugong Apt., Pyeonghwa 1-dong, Wansan-gu, Jeonju-si, Jeollabuk-do 560-281 (KR).

HAN, Cheol [KR/KR]; 105-2005 Neulpureun Apt., Jeongnim-dong, Seo-gu, Daejeon 302-760 (KR). KIM, Woong [KR/KR]; 802-802 Gubong Maoul, Gwanjeo-dong, Seo-gu, Daejeon 302-902 (KR).

JUNG, Nak-Chil [KR/KR]; 102-1201 Chamiseul Apt., Hapjeong-dong, Pyeongtaek-si, Gyeonggi-do 450-761 (KR). HONG, Seong-Jae [KR/KR]; 405-1604 Wonang Maoul, Gwanjeo-dong, Seo-gu, Daejeon 302-904 (KR).

KIM, Min-Ji [KR/KR]; 48-43 Goejeong-dong, Seo-gu, Daejeon 302-814 (KR). CHOI, Young-Soo [KR/KR]; 112-23 Uam 1-dong, Nam-gu, Busan 608-842 (KR).

JUNG, Sang-Hyup [KR/KR]; 776-1 Gyesan 1-dong, Gyeongang-gu, Incheon 407-803 (KR). CHOI, Jae-Lok [KR/KR]; 1255-3 Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-836 (KR).

LEE, Sang-Yong et al. / etc.; 4F., Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/027

(11) WO 2004/107053 (13) A1

(21) PCT/KR2004/001301

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/027

(11) WO 2004/107053 (13) A1

(21) PCT/KR2004/001301

- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) 10-2003-0035442 2 Jun/juin 2003 KR
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POSITIVE PHOTORESIST COMPOSITION FOR SPINLESS (SLIT) COATING
• COMPOSITION DE PHOTORESINE POSITIVE POUR REVETEMENT SANS CENTRIFUGATION (FENTE)
- (71) ADMS TECHNOLOGY CO., LTD. [KR/KR]; 459-3 Sindae-ri, Seo-myeon, Yeongi-gun, Chungcheongnam-do 339-811 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAE, You-Lee [KR/KR]; 105-1204 Chonggu Narac Apt. Jeonmin-dong, Yuseong-gu, Daejeon 305-729 (KR). KIM, Young-Keun [KR/KR]; 103-1005 Wolbong Daewoo Apt. Ssangyong 2-dong, Cheonan-si, Chungcheongnam-do 330-781 (KR). CHOI, Suk-Young [KR/KR]; 127-1104 Hanbit Apt., Gung-dong, Yuseong-gu, Daejeon 305-335 (KR). CHA, Hyuk-Jin [KR/KR]; 2-1502 Garam Apt., Samcheon-dong, Seo-gu, Daejeon 302-744 (KR). LEE, Jae-Hwan [KR/KR]; 108-1604 Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR). LEE, Keun-Joo [KR/KR]; 101-304 Hanhwa Apt., Sangok 2-dong, Bupyeong-gu, Incheon 403-773 (KR). RYU, Mi-Sun [KR/KR]; 108-409 Hwangsil Town Apt., Wolpyeong-dong, Seo-gu, Daejeon 302-280 (KR). SEO, Hyun-Jin [KR/KR]; 1064-29 Bongdeok 2-dong, Nam-gu, Daegu 705-828 (KR). WOO, Seung-Woo [KR/KR]; 94-25 Sugok 1-dong, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do 361-836 (KR). WOO, Je-Sun [KR/KR]; 148-5 Gwangcheon-ri, Gwangcheon-eup, Hongseong-gun, Chungcheongnam-do 350-902 (KR). YOO, Kwon-Yil [KR/KR]; 335-108 Jungnosong 1-dong, Wansan-gu, Jeonju-si, Jeollabuk-do 560-827 (KR). LEE, Su-Hyun [KR/KR]; 182-17 Songjeong-dong, Haundae-gu, Busan 612-040 (KR). JEONG, Yong-Man [KR/KR]; 106-610 Cheongbaek Apt., Wolgye 2-dong, Nowon-gu, Seoul 139-913 (KR). CHOI, Bum-Young [KR/KR]; 105-520 Pyeonghwa Jugong Apt., Pyeonghwa 1-dong, Wansan-gu, Jeonju-si, Jeollabuk-do 560-281 (KR). HAN, Cheol [KR/KR]; 105-2005 Neulpureun Apt., Jeongnim-dong, Seo-gu, Daejeon 302-760 (KR). KIM, Woong [KR/KR]; 802-802 Gubong Maoul, Gwanjeo-dong, Seo-gu, Daejeon 302-902 (KR). JUNG, Nak-Chil [KR/KR]; 102-1201 Chamiseul Apt., Hapjeong-dong, Pyeongtaek-si, Gyeonggi-do 450-761 (KR). HONG, Seong-Jae [KR/KR]; 405-1604 Wonang Maoul, Gwanjeo-dong, Seo-gu, Daejeon 302-904 (KR). KIM, Min-Ji [KR/KR]; 48-43 Goejeong-dong, Seo-gu, Daejeon 302-814 (KR). CHOI, Young-Soo [KR/KR]; 112-23 Uam 1-dong, Nam-gu, Busan 608-842 (KR). JUNG, Sang-Hyup [KR/KR]; 776-1 Gyeosan 1-dong, Gyeongyang-gu, Incheon 407-803 (KR). CHOI, Jae-Lok [KR/KR]; 1255-3 Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-836 (KR).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G03F 7/20
- (11) WO 2004/107054 (13) A2
- (21) PCT/EP2004/002309
- (22) 6 Mar/mar 2004 (06.03.2004)
- (25) de (26) de
- (30) 103 24 206.6 28 May/mai 2003 DE
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROJECTION LIGHTING INSTALLATION
• INSTALLATION D'ÉCLAIRAGE PAR PROJECTION
- (71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DITTMANN, Olaf [DE/DE]; Brahmweg 3, 73441 Bopfingen (DE). GRUNER, Toralf [DE/DE]; Opalstrasse 22, 73433 Aalen (DE).
- (74) SCHWANHÄUSSER, Gernot et al. / etc.; Ostertag & Partner, Eibenweg 10, 70597 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/107056 (13) A1
- (21) PCT/US2004/016270
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 10/443,867 23 May/mai 2003 US
(23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOSITIONS SUITABLE FOR REMOVING PHOTORESIST, PHOTORESIST BYPRODUCTS AND ETCHING RESIDUE, AND USE THEREOF
• COMPOSITIONS ADAPTEES POUR ÉLIMINER UNE PHOTORESINE, DES PRODUITS DÉRIVÉS DE LA PHOTORESINE ET DES RÉSIDUS DE GRAVURE, ET UTILISATIONS
- (71) AIR PRODUCTS AND CHEMICALS, INC. [US/US]; 7201 Hamilton Boulevard, Allentown, PA 18195 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIEKER, Jennifer, M. [US/US]; 2212B Aster Road, Bethlehem, PA 18018 (US). WIEDER, Thomas [US/US]; 125 N. 10th Street, Emmaus, PA 18049 (US). DURHAM, Dana, L. [US/US]; 1 Stevens Lane, Pittstown, NJ 08867 (US).
- (74) AMERNICK, Burton, A.; Connolly Bove Lodge & Hutz LLP, 1990 M Street, N.M., Suite 800, Washington, DC 20036-3425 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
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- (11) WO 2004/107055 (13) A2
- (21) PCT/EP2004/005386
- (22) 19 May/mai 2004 (19.05.2004)
- (25) de (26) de
- (30) 103 24 613.4 30 May/mai 2003 DE
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRODE ARRANGEMENT, AND USE THEREOF
• ENSEMBLE ELECTRODES ET SON UTILISATION

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03F 7/42

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(21) PCT/KR2004/001168

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(25) ko (26) en

(30) 10-2003-0035683 3 Jun/juin 2003 KR (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • THINNER COMPOSITION FOR REMOVING PHOTSENSITIVE RESIN
• COMPOSITION DE DILUANT PERMETTANT DE RETIRER UNE RESINE PHOTOSENSIBLE

(71) DONGJIN SEMICHEM CO., LTD. [KR/KR]; 472-2 Gajwa-dong, Seo-ku, Incheon-city 404-250 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOON, Suk-II [KR/KR]; 625-3 Yodang-ri, Yanggam-myeon, Hwasong-city, Gyeonggi-do 445-930 (KR). JUN, Woo-Sik [KR/KR]; 625-3 Yodang-ri, Yanggam-myeon, Hwasong-city, Gyeonggi-do 445-930 (KR). PARK, Hee-Jin [KR/KR]; 625-3 Yodang-ri, Yanggam-myeon, Hwasong-city, Gyeonggi-do 445-930 (KR).

(74) YOU ME PATENT & LAW FIRM; Seolim Bldg., 649-10 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMP PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 9/087, C08J 3/24

(11) WO 2004/107058 (13) A1

(21) PCT/JP2004/007663

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-153550 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BINDER RESIN FOR TONER AND TONER FOR ELECTROPHOTOGRAPHY
• RESINE DE LIAISON POUR TONER ET TONER UTILISE EN ELECTROPHOTOGRAPHIE

(71) MITSUI CHEMICALS, INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKATA, Kazuya [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). YOSHIDA, Takeshi [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).

(74) MITSUI CHEMICALS, INC.; Intellectual Property Division, 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G04B 17/00, G04F 7/08

(11) WO 2004/107059 (13) A1

(21) PCT/JP2004/007541

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-155878 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTIFUNCTION TIMEPIECE
• APPAREIL HORAIRE MULTIFONCTIONS

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, 1630811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRAYA, Eiichi [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano, 3928502 (JP).

(74) KINOSHITA, Jitsuzo et al. / etc.; 3rd floor, Ogikubo TM building 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo, 1670051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G04F 8/02, G04C 3/14, G04B 19/00

(11) WO 2004/107060 (13) A1

(21) PCT/JP2004/007589

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-152810 29 May/mai 2003 JP (29.05.2003)

(30) 2004-129772 26 Apr/avr 2004 JP (26.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE AND METHOD OF TIMING
• DISPOSITIF ET PROCEDE DE MEASURE DE TEMPS

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 1630811 (JP).

(72) KOIKE, Nobuhiro; c/o Seiko Epson Corporation, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP).

(74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Division SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-shi, Nagano 3928502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMP PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G04G 1/00, G01C 17/38

(11) WO 2004/107061 (13) A1

(21) PCT/EP2004/004556

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/474,165 29 May/mai 2003 US (29.05.2003)

(30) 10/737,387 16 Dec/déc 2003 US (16.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR COMPENSATING DISTURBANCES DUE TO A STEP MOTOR IN AN ELECTRONIC COMPASS
• PROCEDE DE COMPENSATION DE PERTURBATIONS DUES A UN MOTEUR PAS-A-PAS DANS UNE MONTRE-BOUSSOLE ELECTRONIQUE

(71) TIMEX GROUP B.V. [NL/NL]; Koningslaan 34, NL-1075 AD Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STOTZ, Gerhard [DE/DE]; Kirchsteige 43, Eisingen 75239 (DE).

(74) **BOYDELL, John, Christopher**; Stevens, Hewlett & Perkins, Halton House, 20/23 Holborn, London, EC1N 2JD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G04G 1/00, H03K 17/96

(11) WO 2004/107062 (13) A1

(21) PCT/EP2004/005949

(22) 2 Jun/juin 2004 (02.06.2004)

(25) de (26) de

(30) 103 26 684.4 3 Jun/juin 2003 DE (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CAPACITIVE CONTACT SWITCH

• DETECTEUR DE PROXIMITE CAPACITIF

(71) **E.G.O. CONTROL SYSTEMS GMBH & CO. KG** [DE/DE]; Wiesfleckenstrasse 6, 72336 Balingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STREIFLER, Rolf** [DE/DE]; Gartenstrasse 3, 72367 Weilen (DE).

(74) **RUFF, WILHELM, BEIER, DAUSTER & PARTNER**; Kronenstrasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G04G 5/00, G06F 1/14

(11) WO 2004/107063 (13) A1

(21) PCT/JP2003/006669

(22) 28 May/mai 2003 (28.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TIME MANAGER AND TIME MANAGEMENT METHOD

• GESTIONNAIRE DE TEMPS ET PROCEDE DE GESTION DE TEMPS

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKIYAMA, Ryota** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **ISHIBASHI, Masamichi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **ITO, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G04G 5/00, H04L 9/32

(11) WO 2004/107064 (13) A1

(21) PCT/JP2004/001271

(22) 6 Feb/fév 2004 (06.02.2004)

(25) ja (26) ja

(30) PCT/JP03/06669 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TIME MANAGEMENT DEVICE AND TIME MANAGEMENT METHOD

• DISPOSITIF ET PROCEDE DE GESTION DU TEMPS

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKIYAMA, Ryota** [JP/JP]; C/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP). **ISHIBASHI, Masamichi** [JP/JP]; C/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP).

(74) **ITO, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B

(11) WO 2004/107065 (13) A2

(21) PCT/IL2004/000437

(22) 23 May/mai 2004 (23.05.2004)

(25) en (26) en

(30) 156289 3 Jun/juin 2003 IL (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PREDETERMINED MISS-DISTANCE HOMING MISSILE

• ENGIN AUTOGUIDE A ECART AU SOL PREDETERMINE

(71) **RAFAEL - ARMAMENT DEVELOPMENT AUTHORITY LTD.** [IL/IL]; P.O.Box 2250, 31021 Haifa (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAROM, Itshak** [IL/IL]; Hof Hashenhav 4, 34980 Haifa (IL). **HEXNER, Gyorgy** [IL/IL]; Hayasmin 9, 30095 Ramat Yishay (IL).

(74) **FRIEDMAN, Mark M.**; 7 Haomanim St., 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 13/02

(11) WO 2004/107066 (13) A1

(21) PCT/EP2004/050468

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 24 045.4 27 May/mai 2003 DE (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD, COMPUTER PROGRAM WITH PROGRAM CODE MEANS, AND COMPUTER PROGRAM PRODUCT FOR DETERMINING A FUTURE BEHAVIOR OF A DYNAMIC SYSTEM

• PROCEDE ET PROGRAMME INFORMATIQUE COMPORTANT DES MOYENS DE CODE DE PROGRAMME ET PROGRAMME INFORMATIQUE POUR DETERMINER UN COMPORTEMENT FUTUR D'UN SYSTEME DYNAMIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROTHMANN, **Ralph** [DE/DE]; Strehleranger 7, 81735 München (DE). TIETZ, **Christoph** [DE/DE]; Robert-Koch-Str. 30, 85521 Ottobrunn (DE). ZIMMERMANN, **Hans-Georg** [DE/DE]; Schiffbauergeweg 6a, 82319 Starnberg/Percha (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G05B 15/02, 19/042

(11) WO 2004/107067 (13) A1

(21) PCT/EP2003/005874

(22) 2 Jun/juin 2003 (02.06.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD AND A TOOL FOR ALLOCATING COMPUTATIONAL RESOURCES IN A DISTRIBUTED CONTROL SYSTEM

• PROCEDE ET OUTIL PERMETTANT D'ATTRIBUER DES RESSOURCES INFORMATIQUES DANS UN SYSTEME DE COMMANDE DISTRIBUE

(71) ABB RESEARCH LTD [CH/CH]; Affolternstrasse 52, CH-8050 Zürich (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAY, **Alexander** [DE/DE]; Imolastrasse 90, 69469 Weinheim (DE). LORITO, **Fabrizio** [IT/IT]; Via Maestri Campionesi 29, I-20135 Milano (IT). PORETTA, **Stefano** [IT/IT]; Via Torino 5/b, I-22079 Villa Guardia (IT). VAHLDIEK, **Rolf** [DE/DE]; Derflinger Strasse, 54, 32425 Minden (DE). WENDT, **Peter** [DE/DE]; Malachitstrasse 4, 30823 Garbsen (DE).

(74) ZANOLI, **Enrico** et al. / etc.; Zanoli & Givarini S.r.l., Viale Bianca Maria, 35, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G05B 19/4097, 19/4069

(11) WO 2004/107068 (13) A1

(21) PCT/JP2003/006867

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE AND METHOD FOR EXTRACTING UNFINISHED SHAPE

• DISPOSITIF ET PROCEDE D'EXTRACTION DE FORMES NON FINIES

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANBAYASHI, **Satoshi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YAMAGUCHI, **Shingo** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAKAHASHI, **Hiroshi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUZUKI, **Mitsugu** [JP/JP]; c/o DIGITAL PROCESS LTD., 9-6, Nakacho 2-chome, Atsugi-shi, Kanagawa 243-0018 (JP). HARUTA, **Yoshiyuki** [JP/JP]; c/o DIGITAL PROCESS LTD., 9-6, Nakacho 2-chome, Atsugi-shi, Kanagawa 243-0018 (JP).

(74) OSUGA, **Yoshiyuki**; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) JP US.

(51)⁷ G05B 19/418

(11) WO 2004/107069 (13) A1

(21) PCT/EP2004/005963

(22) 2 Jun/juin 2004 (02.06.2004)

(25) de (26) de

(30) 103 25 277.0 3 Jun/juin 2003 DE (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VARIABLE FIELD DEVICE FOR PROCESS AUTOMATION SYSTEM

• APPAREIL DE TERRAIN VARIABLE DESTINE A LA TECHNIQUE D'AUTOMATISATION DE PROCESSUS

(71) ENDRESS + HAUSER FLOWTEC AG [CH/CH]; Kägenstrasse 7, CH-4153 Reinach (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROTH, **Jörg** [DE/DE]; Hammerstrasse 3G, 79540 Lörrach (DE).

(74) ANDRES, **Angelika**; c/o Endress + Hauser (DE) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G05B 19/42, G06F 3/033

(11) WO 2004/107070 (13) A2

(21) PCT/NL2004/000379

(22) 27 May/mai 2004 (27.05.2004)

(25) nl (26) en

(30) 1023561 28 May/mai 2003 NL (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR CUSTOMIZING A HANDGRIP, A MEASURING FORM FOR USE IN THE METHOD AND HANDGRIP AND CONSTITUENT PARTS THEREOF MANUFACTURED WITH THIS METHOD

• PROCEDE DE PERSONNALISATION D'UNE POIGNEE, FORME DE MESURE UTILISEE DANS LE PROCEDE, POIGNEE ET PARTIES CONSTITUTIVES DE CETTE DERNIERE FABRIQUEES AU MOYEN DUDIT PROCEDE

(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EHLHARDT, **Huub** [NL/NL]; S. Morsstraat 39, NL-5223 BB Den Bosch (NL).

(74) WINCKELS, **J., H., F.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 23/02

(11) WO 2004/107071 (13) A1

(21) PCT/JP2004/007416

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-152503 29 May/mai 2003 JP (29.05.2003)

(30) 2003-152502 **29 May/mai 2003** JP
(**29.05.2003**)

(30) 2003-318026 **10 Sep/sep 2003** JP
(**10.09.2003**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ABNORMALITY PROCESSING SYSTEM

• SYSTEME DE TRAITEMENT D'ANOMALIE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAN, Yasuhiro MURABAYASI, Nobuaki UCHIYAMA, Wataru

(74) KUDO, Ichiro; Yurakucho Denki Bldg. South Tower, 7-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1000006 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ G05D 1/02, H04N 7/18, G07C 5/08, B60R 1/00

(11) WO 2004/107072 (13) A1

(21) PCT/GB2004/002093

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 0312484.9 **30 May/mai 2003** GB
(**30.05.2003**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AN OPTICAL DRIVER ASSISTANCE SYSTEM FOR A MOTOR VEHICLE

• SYSTEME D'ASSISTANCE OPTIQUE A UN CONDUCTEUR POUR VEHICULE AUTOMOBILE

(71) TRW LIMITED [GB/GB]; Stratford Road, Solihull B90 4AX (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMPSON, Martin, John [GB/GB]; 37 Rushleigh Road, Shirley, Solihull B90 1DQ (GB).

(74) W. P. THOMPSON & CO.; Coopers Building, Church Street, Liverpool L1 3AB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05D 1/02, B25J 9/16

(11) WO 2004/107073 (13) A1

(21) PCT/SE2004/000811

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 0301567-4 **27 May/mai 2003** SE
(**27.05.2003**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ROBOT SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT

• PROGICIEL, PROCEDE ET SYSTEME DE ROBOT

(71) STOCKHOLMSMÄSSAN AB [SE/SE]; Mässvägen 1, Älvsjö, S-125 80 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FÖRELL, Erik [SE/SE]; Kocksgatan 42, S-116 29 Stockholm (SE). JENSFELT, Patric [SE/SE]; Alströmergatan 32, u10, 2 tr, S-112 47 Stockholm (SE).

(74) OLSSON, Jan et al. / etc.; Bjerkéns Patentbyrå KB, Box 1274, S-801 37 Gävle (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05D 11/00, G01N 27/06, G01R 27/22, D06F 39/00, A47L 15/42, 15/44, G05D 21/02

(11) WO 2004/107074 (13) A1

(21) PCT/US2004/012260

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/444,823 **22 May/mai 2003** US
(**22.05.2003**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTROLLING CHEMICAL DISPENSE OPERATIONS BASED ON A CONDUCTIVITY OFFSET

• COMMANDE D'OPERATIONS DE DISTRIBUTION CHIMIQUE REPOSANT SUR UN DECALAGE DE LA CONDUCTIVITE

(71) ECOLAB INC. [US/US]; Ecolab Center, 370 N. Wabasha Street, St. Paul, 55102 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOWES, Ronald, Bruce, Jr. [US/US]; 5308 Grand Avenue South, Minneapolis, MN 55419 (US). MAY, Robert, Eugene [US/US]; 17870 Irons Court, Lakeville, MN 55044 (US). PETERSON, Jeff, W. [US/US]; 256 Cove Lane, Hudson, WI 54016 (US).

(74) SORENSEN, Andrew, D.; 840 Sibley Memorial Highway, Mendota Heights, MN 55119 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G05D 16/06, 7/01, F24D 19/10

(11) WO 2004/107075 (13) A1

(21) PCT/DK2004/000363

(22) 25 May/mai 2004 (25.05.2004)

(25) de (26) de

(30) 103 23 981.2 **27 May/mai 2003** DE
(**27.05.2003**)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HEATING VALVE ARRAY

• SYSTEME A SOUPAPES POUR DISPOSITIF DE CHAUFFAGE

(71) DANFOSS A/S [DK/DK]; DK-6430 Nordborg (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MØLBÆK, Jens, Jørgen [DK/DK]; Nyvej 12, Lavensby, DK-6430 Nordborg (DK).

(74) DANFOSS A/S; Patentabteilung, DK-6430 Nordborg (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05F 1/10

(11) WO 2004/107076 (13) A1

(21) PCT/US2003/016572

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

- (30) 10/446,087 **27 May/mai 2003** US
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FLOATING-GATE REFERENCE CIRCUIT
• CIRCUIT DE REFERENCE A GRILLE FLOTTANTE
- (71) **GEORGIA TECH RESEARCH CORPORATION** [US/US]; 505 Tenth Street, NW, Atlanta, GA 30332-0415 (US).
- (72) **BRADY, Philomena Cleopha**; 5921 Long Cove, Garland, TX 75044 (US). **LO, Haw-Jing**; 350380 GA Tech Station, Atlanta, GA 30332 (US). **SERRANO, Guillermo, Jose**; Haciendas de Cotto Laurel, PR 00780 (US). **ADIL, Farhan**; 3100 Memory Lane, Silver Springs, MD 20904 (US). **KUCIC, Matthew, Raymond**; 3042 Sweet Flag Run, Austell, GA 30106 (US). **HASLER, Paul, Edward**; 229 Spalding Gates Drive, NE, Atlanta, GA 30328 (US). **ANDERSON, David, V.**; 3365 Waters Mill Drive, Alpharetta, GA 30022 (US). **PEREIRA, Angelo, W.**; 1000 Curran Street, NW, Atlanta, GA 30318 (US).
- (74) **HORSTEMEYER, Scott, A.**; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, Atlanta, GA 30339-5948 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05F 1/613, G06K 19/07**
- (11) **WO 2004/107077** (13) A1
- (21) PCT/IB2004/050773
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) en (26) en
- (30) 03101556.3 **28 May/mai 2003** EP
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CIRCUIT FOR A DATA CARRIER HAVING REFERENCE PARAMETER GENERATION MEANS WITH SUPPLY VOLTAGE LIMITING MEANS
• CIRCUIT DESTINE A UN SUPPORT D'INFORMATION ET COMPORTANT DES MOYENS DE GENERATION DE PARAMETRE DE REFERENCE INCLUANT DES MOYENS DE LIMITATION DE TENSION D'ALIMENTATION
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAMWAR, Schahrjar** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).
- (74) **RÖGGLA, Harald**; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05F 3/24**
- (11) **WO 2004/107078** (13) A1
- (21) PCT/JP2004/005969
- (22) **6 May/mai 2004 (06.05.2004)**
- (25) ja (26) ja
- (30) 2003-136612 **14 May/mai 2003** JP
(14.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SEMICONDUCTOR DEVICE
• DISPOSITIF SEMI-CONDUCTEUR
- (71) **SEMICONDUCTOR ENERGY LABORATORY CO., LTD.** [JP/JP]; 398, Hase Atsugi-shi, Kanagawa 2430036 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Hajime** [JP/JP]; c/o SEMI-CONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase Atsugi-shi., Kanagawa 2430036 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05G 7/02**
- (11) **WO 2004/107080** (13) A1
- (21) PCT/EP2004/005872
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) en (26) en
- (30) 103 24 559.6 **30 May/mai 2003** DE
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COUPLING APPARATUS AND METHOD FOR TWO MOVEMENTS
• APPAREIL ET PROCEDE DE COUPLAGE DE DEUX MOUVEMENTS
- (71) **FICO CABLES, S.A.** [ES/ES]; Technological Centre Pujol & Tarragó, Polígono Industrial Can Margarola, Ctra.C-17 km 13, E-08100 Mollet del Vallès (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PRAT, TERRADES, Jaume** [ES/ES]; c/Roselló 492 2^o 2^a, E-08025 Barcelona (ES). **JORNET VIDAL, Jordi** [ES/ES]; c/Galvani 110, 3^o 3^a, E-08224 Terrasa, Barcelona (ES). **PARDO ALOY, David** [ES/ES]; Av./Bertomeu 27 Bellaterra, E-08193 Barcelona (ES). **JONES POPPESCOU, Ernesto, Alejandro** [ES/ES]; c/Galvani 11bis, 3er 1a, E-08224 Terrasa, Barcelona (ES). **BARRIOS VILLA, Josep**

[ES/ES]; c/Bages, 3, E-08233 Vacarisses, Barcelona (ES). VIDAL FERRER, Guillem [ES/ES]; c/Pere Fizes, 18 1-4^e, E-08225 Terrassa, Barcelona (ES). MONEDERO URIBE-ECHEBARRIA, Daniel [ES/ES]; c/Llaceres 15^e, 1^o 2a, E-08190 Sant Cugat del Vallés, Barcelona (ES). PEREZ NAVARRO, Enrique [ES/ES]; c/Josep Estivill 36 4^o 2a, E-08027 Barcelona (ES).

(74) HESS, Peter, K.; Bardehle Pagenberg Dost Altenburg Geissler, Galileiplatz 1, 81679 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F

(11) WO 2004/107081 (13) A2

(21) PCT/IB2004/001339

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/447,203 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM, APPARATUS, AND METHOD FOR FRAME IMPLEMENTATION WITHIN A MOBILE INTERNET BROWSER

• SYSTEME, APPAREIL ET PROCÉDE POUR LA MISE EN ŒUVRE DE CADRES DANS UN NAVIGATEUR INTERNET MOBILE

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI). (for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour LC)

(74) FUNK, Steven; Crawford Maunu PLLC, 1270 Northland drive, Suite 390, St. Paul, MN 55120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107082 (13) A2

(21) PCT/IB2004/001634

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/448,898 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MANAGEMENT OF DOWNLINK TBF IN AN EGPRS AND IN A GPRS MOBILE STATION USING FINAL BLOCK INDICATOR AND RELATIVE RESERVED BLOCK PERIOD FIELD

• GESTION D'UN FLUX DE BLOCS TEMPORAIRES (TBF) EN VOIE DESCENDANTE DANS UNE STATION MOBILE DE TYPE EGPRS (SERVICE PAQUETS RADIO GENERAL AMÉLIORÉ) ET GPRS (SERVICE PAQUETS RADIO GENERAL) AU MOYEN D'UN INDICATEUR DE BLOC FINAL ET D'UNE ZONE RELATIVE RÉSERVÉE AUX INTERVALLES ENTRE BLOCS

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf BB US)

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour BB)

(72) ANTTILA, Hannu, Juhani; Atomikatu 1 E 42, FIN-33720 Tampere (FI).

(74) SMITH, Harry, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107083 (13) A2

(21) PCT/IB2004/001697

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 0312291.8 29 May/mai 2003 GB (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GAMING APPARATUS

• APPAREIL DE JEU

(71) WATERLEAF LIMITED [GB/GB]; 1st Floor, 28 Victoria Street, Douglas, IM1 2LE, Isle of Man (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOSHAL, Martin [ZA/GB]; c/o 69 Athol Street, Douglas IM1 1JE, Isle of Man (GB).

(74) JOFFE, Frank; BOWMAN GILFILLAN (JOHN & KERNICK), P.O. Box 3511, Halfway House, 1685 Midrand (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107084 (13) A2

(21) PCT/IB2004/001752

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2003/4236 30 May/mai 2003 ZA (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A FUNDRAISING SYSTEM

• SYSTEME DE COLLECTE DE FONDS

(71, 72) ROSE, Jeanne, Louise [ZA/ZA]; 21 Fountain Road, Beverley AH, Fourways 2055, Gauteng Province (ZA).

(74) BOWMAN, GILFILLAN, INC., (JOHN, & KERNICK); P.O. Box 3511, Halfway House, 1685 Midrand (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107085 (13) A2

(21) PCT/IL2004/000459

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/446,808 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ORTHODYNAMIC REHABILITATOR

- DISPOSITIF DE REEDUCATION ORTHODYNAMIQUE
- (71) MUSCLE TECH LTD. [IL/IL]; P.O.Box 12, 12300 Katzrin (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PELES, Zalman [IL/IL]; 12391 Kfar Korazim (IL).
- (74) FRIEDMAN, Mark; 7 Haomanim St., 67897 Tel Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/107086 (13) A2
- (21) PCT/IL2004/000467
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) en (26) en
- (30) 156271 2 Jun/juin 2003 IL (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR REDUCING THE COST OF HANDLING INCOMING/OUTGOING PHONE CALLS
- PROCEDE PERMETTANT DE REDUIRE LE COUT DE LA COMMANDE DES COMMUNICATIONS TELEPHONIQUES ENTRANTES/SORTANTES
- (71) FESTIN ENTERPRISES CORP. [PA/PA]; Notariat 4 der Stadt, Panama (PA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WINKLER, Yair [IL/IL]; 28 Harimon Street, 38900 Caesaria (IL).
- (74) LUZZATTO, Kfir et al. / etc.; P.O. Box 5352, 84152 Beer Sheva (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/107087 (13) A2
- (21) PCT/IN2004/000145
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 60/473,883 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • GENERATING TEST CASES
- GENERATION DE CAS D'ESSAI
- (71) DECCANET DESIGNS LTD. [IN/IN]; Venkata r. Regunathan, #50, I Main, 9 th Cross, 3rd phase J.P. Nagar Industrial Area, Bangalore 560 078, Karnataka (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REGUNATHAN, Venkata [IN/IN]; #50, I Main, 9 th Cross, 3rd phase J.P. Nagar Industrial Area, Bangalore 560 078, Karnataka (IN).
- (74) THAPPETA, Narendra, Reddy; Law Firm of Naren Thappeta, # 158, Phase One, Adarsh Palm Meadows, Ramagundana Halli, Airport-Whitefield Road, Bangalore 560 066, Karnataka (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ G06F
- (11) WO 2004/107088 (13) A2
- (21) PCT/KR2004/001147
- (22) 14 May/mai 2004 (14.05.2004)
- (25) ko (26) en
- (30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)
- (30) 10-2004-0022184 31 Mar/mar 2004 KR (31.03.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HOME NETWORK SYSTEM
- SYSTEME DE RESEAU DOMESTIQUE
- (71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HA, Sam-Chul [KR/KR]; Sapa-Dong-sung Apt. 102-1201, Sapa-Dong, Changwon-Shi, Kyungsangnam-Do 641-550 (KR). BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyungsangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyungsangnam-Do 621-833 (KR).
- (74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/107089 (13) A2
- (21) PCT/KR2004/001148
- (22) 14 May/mai 2004 (14.05.2004)
- (25) ko (26) en
- (30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)
- (30) 10-2004-0022185 31 Mar/mar 2004 KR (31.03.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HOME NETWORK SYSTEM
- SYSTEME DE RESEAU DOMOTIQUE
- (71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HA, Sam-Chul [KR/KR]; Sapa-Dong-sung Apt. 102-1201, Sapa-Dong, Changwon-Shi, Kyungsangnam-Do 641-550 (KR). BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyungsangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyungsangnam-Do 621-833 (KR).
- (74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107090 (13) A2

(21) PCT/KR2004/001149

(22) 14 May/mai 2004 (14.05.2004)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)

(30) 10-2004-0022186 31 Mar/mar 2004 KR (31.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM

• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HA, Sam-Chul [KR/KR]; Sapa-Dong-sung Apt. 102-1201, Sapa-Dong, Changwon-Shi, Kyung-sangnam-Do 641-550 (KR). BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyung-sangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyung-sangnam-Do 641-778 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyung-sangnam-Do 621-833 (KR).

(74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107091 (13) A2

(21) PCT/KR2004/001150

(22) 14 May/mai 2004 (14.05.2004)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)

(30) 10-2004-0022187 31 Mar/mar 2004 KR (31.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM

• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HA, Sam-Chul [KR/KR]; Sapa-Dong-sung Apt. 102-1201, Sapa-Dong, Changwon-Shi, Kyung-sangnam-Do 641-550 (KR). BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyung-sangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyung-sangnam-Do 641-778 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyung-sangnam-Do 621-833 (KR).

(74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107092 (13) A2

(21) PCT/KR2004/001151

(22) 14 May/mai 2004 (14.05.2004)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)

(30) 10-2004-0022191 31 Mar/mar 2004 KR (31.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM

• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HA, Sam-Chul [KR/KR]; Sapa-Dong-sung Apt. 102-1201, Sapa-Dong, Changwon-Shi, Kyung-sangnam-Do 641-550 (KR). BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyung-sangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyung-sangnam-Do 641-778 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyung-sangnam-Do 621-833 (KR).

(74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107093 (13) A2

(21) PCT/KR2004/000284

(22) 12 Feb/fév 2004 (12.02.2004)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)

(30) 10-2004-0007869 6 Feb/fév 2004 KR (06.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK MANAGEMENT SYSTEM

• SYSTEME DE GESTION D'UN RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyung-sangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyung-sangnam-Do 641-778 (KR). CHOI, Hwan-Jong [KR/KR]; 909-13, Manduk 3-Dong, Buk-Ku, Busan 616-829 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Seokbongmaeul, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyung-sangnam-Do 621-833 (KR). KOO, Feel-Young [KR/KR]; Keukdong-Villa No. 407, 542, Minrak-Dong, Suyoung-Ku, 613-829 Busan (KR). KOO, Ja-In [KR/KR]; 336-28, Hadae-Dong, Jinju-Shi, Kyung-sangnam-Do 660-997 (KR). KANG, Seong-Hwan [KR/KR]; 1128, Keunmeum-Ri, Seolcheon-Myun, Namhae-Kun, Kyung-sangnam-Do 668-891 (KR).

(74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF

- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G06F**
- (11) **WO 2004/107094** (13) A2
(21) PCT/US2003/002229
(22) **23 Jan/jan 2003 (23.01.2003)**
(25) en (26) en
(30) 60/351,842 **25 Jan/jan 2002** US
(25.01.2002)
(30) 60/360,064 **25 Feb/fév 2002** US
(25.02.2002)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DATA INTEGRATION SYSTEM AND METHOD FOR PRESENTING 360° CUSTOMER VIEWS
• DISPOSITIF ET PROCÉDE D'INTEGRATION DE DONNEES POUR REPRESENTATION PAR AFFICHAGE A 360° DESTINEE AUX CLIENTS
- (71) **SEURAT COMPANY** [US/US]; 600 West Fulton, Suite 400, Chicago, IL 60661 (US).
- (72) **HARPER, Jonathan, E.**; 302 Peerless Street, Louisville, CO 80027 (US). **POPE, Benjamin**; 7694 Monarch Road, Longmont, CO 80503 (US). **WAVELL, Rufus**; 3887 Paseo del Prado, Boulder, CO 80301 (US). **BARRY, Jeffrey**; 1111 Ash Street, #601, Denver, CO 80220 (US). **MYERS, William, P.**; 4685 East 135th Avenue, Thornton, CO 80241 (US). **PARACHA, Bipin**; 2280 Spinaker Circle, Longmont, CO 80503 (US). **HANDERHAN, Patrick**; 3835 Florentine Circle, Longmont, CO 80503 (US). **SEVERSON, Eric**; 13854 Muirfield Circle, Broomfield, CO 80020 (US). **FOSTER, Gary**; 2252 Ulmus Drive, Loveland, CO 80538 (US). **TORRANCE, John**; 1201 Alexandria Street, Lafayette, CO 80026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ **G06F**
- (11) **WO 2004/107095** (13) A2
(21) PCT/US2004/012333
(22) **22 Apr/avr 2004 (22.04.2004)**
(25) en (26) en
(30) 10/444,480 **23 May/mai 2003** US
(23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LIFECYCLE PROFITABILITY TOOL FOR LEASABLE ASSETS
• OUTIL DE CALCUL DE RENTABILITE SUR LE CYCLE DE VIE DE BIENS POUVANT ETRE LOUES
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **75) NALAWADE, Dan, A.** [US/US]; 177 Picketts Ridge Road, Redding, CT 06896 (US).
- (74) **HAYDEN, Scott et al.** / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (71) **FIRST DATA CORPORATION** [US/US]; 12500 East Belford Avenue, Englewood, 6 80112-5939 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **75) HANSEN, Kurt, L.** [US/US]; 5133 E. Essex Avenue, Castle Rock, Colorado 80104 (US). **BLAIR, Paul** [US/US]; 11141 Tamarron Drive, Parker, Colorado 80138 (US). **SEIFERT, Dean, A.** [US/US]; 20315 Vista Circle, Parker, Colorado 80138 (US). **ALGIENE, Kenneth** [US/US]; 9347 W. Vandeventer Drive, Littleton, Colorado 80128 (US). **SAYOR, Thomas, B.** [US/US]; 7290 Forrest Ridge Circle, Castle Rock, Colorado 80108 (US). **VIALPANDO, Sharon, K.** [US/US]; 7768 Barkway Court, Lone Tree, Colorado 80124 (US).
- (74) **GIBBY, Darin, J. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G06F**
- (11) **WO 2004/107097** (13) A2
(21) PCT/US2004/013251
(22) **28 Apr/avr 2004 (28.04.2004)**
(25) en (26) en
(30) 60/466, 013 **28 Apr/avr 2003** US
(28.04.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEMS AND METHODS FOR PROVIDING ENHANCED MERCANT CONTACT DETAIL FOR CREDIT AND DEBIT CARD TRANSACTIONS
• SYSTEMES ET PROCÉDES DE FOURNITURE D'UNE DESCRIPTION DETAILLEE AMELIOREE DES CONTACTS D'UN COMMERÇANT POUR DES TRANSACTIONS PAR CARTE DE CREDIT ET DE DEBIT
- (71) **INCURRENT SOLUTIONS, INC.** [—/US]; 900 Lanidex Plaza, Parsippany, NJ 07054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **BETZ, Mark, S.**; 5 Alden Court, Long Valley, NJ 07853 (US). **HICKEY, David, J.**; 98 North Four Bridges Road, Long Valley, NJ 07853 (US).
- (74) **BOCK, Joel, N.**; Sills Cummis Epstein & Gross, P.C., One Riverfront Plaza, Newark, NJ 07102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F

(11) WO 2004/107098 (13) A2

(21) PCT/US2004/013392

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/443,980 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR PRO-
VIDING END TO END AUTHENTI-
CATION IN A NETWORK ENVIRON-
MENT

• SYSTEME ET PROCEDE POUR EXE-
CUTER UNE AUTHENTIFICATION DE
BOUT EN BOUT DANS UN ENVIRON-
NEMENT RESEAU

(71) CISCO TECHNOLOGY, INC. [US/US];
170 West Tasman Drive, San Jose, CA 95134
(US).

(72) CHAUDHURI, Sragdhura, D.; 18/1 Nim-
tala Ghat Street, Kolkata 700 006, West Ben-
gal (IN). SETHI, Aseem; No. 8, Raymond
Court, Jeevanhalli Main Road, Cox Town,
Bangalore 560 033, Karnataka (IN).

(74) SHOWALTER, Barton, E.; Baker Botts
L.L.P., 2001 Ross Avenue, Suite 600, Dallas,
TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations(t) for all designations / pour toutes les
designations(51)⁷ G06F

(11) WO 2004/107099 (13) A2

(21) PCT/US2004/013925

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/467,256 30 Apr/avr 2003 US
(30.04.2003)(30) 10/837,236 30 Apr/avr 2004 US
(30.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CELL PHONE MULTIMEDIA CON-
TROLLER

• DISPOSITIF DE COMMANDE MUL-
TIMEDIA DE TELEPHONES CELLU-
LAIRES

(71) DISNEY ENTERPRISES, INC. [US/US];
500 South Buena Vista Street, Burbank, Cali-
fornia 91521 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ACKLEY, Jonathan [US/US]; 1729
Ben Lomond Drive, Glendale, California
90202 (US).

(74) MADDUX, Margo et al. / etc.; GREEN-
BERG TRAUERIG LLP, 2450 Colorado Ave-
nue, Suite 400E, Santa Monica, California
90404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/107100 (13) A2

(21) PCT/US2004/014188

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/444,482 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PEER-TO-PEER DYNAMIC WEB PAGE
SHARING

• PARTAGE DYNAMIQUE DE PAGES
WEB EN MODE D'EGAL A EGAL

(71) CISCO TECHNOLOGY, INC. [US/US];
170 West Tasman Drive, San Jose, CA 95134
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PRAJAPAT, Surendra [US/US];
2079 Elm Leaf Court, Santa Clara, CA
95050-3485 (US). LEPORE, Michael, P.
[US/US]; 93 Curtis Avenue, Marlborough,
MA 01752-2641 (US). CLEASBY, Andrew,
R. [US/US]; 115 Ferry Road, Newburyport,
MA 01950-1763 (US).

(74) SHOWALTER, Barton, E.; Baker Botts
L.L.P., 2001 Ross Avenue, Suite 600, Dallas,
TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations(t) for all designations / pour toutes les
designations(51)⁷ G06F

(11) WO 2004/107101 (13) A2

(21) PCT/US2004/014627

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/445,165 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR INTER-
ACTIVE COMMUNICATION WITH AN
END-USER

• SYSTEME ET PROCEDE DE COMMU-
NICATION INTERACTIVE AVEC UN
UTILISATEUR FINAL

(71) CISCO TECHNOLOGY, INC. [US/US];
170 West Tasman Drive, San Jose, CA 95134
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAHN, Paul, S. [US/US]; 1550 Harvest
Ridge Lane, Prosper, TX 75078 (US). DEEL,
Darrick, A. [US/US]; 1206 Greenway Drive,
Allen, TX 75013 (US). DUNLAP, Richard,
A. [US/US]; 204 Lark Lane, Euless, TX
76039 (US). STEARNS, Kelly, N. [US/US];
4710 Drda Lane, Edwardsville, IL 62025
(US).

(74) SHOWALTER, Barton, E.; Baker Botts
L.L.P., Suite 600, 2001 Ross Avenue, Dallas,
TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations(t) for all designations / pour toutes les
designations

(51)⁷ G06F

(11) WO 2004/107102 (13) A2

(21) PCT/US2004/015173

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/444,928 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CASH PAYMENT FOR REMOTE
TRANSACTIONS• PAIEMENT COMPTANT POUR TRAN-
SACTIONS A DISTANCE(71) FIRST DATA CORPORATION [US/US];
12500 East Belford Avenue, Englewood, 6
80112-5939 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HANSEN, Kurt, L. [US/US]; 5133
E. Essex Avenue, Castle Rock, Colorado
80104 (US). STOUTENBURG, Earney,
E. [US/US]; 7474 Gooseberry Lane, Parker,
Colorado 80134 (US). SAYOR, Thomas, B.
[US/US]; 7290 Forrest Ridge Circle, Castle
Rock, Colorado 80108 (US).(74) GIBBY, Darin, J. et al. / etc.; Townsend and
Townsend and Crew LLP, Two Embarcadero
Center, Eighth Floor, San Francisco, Califor-
nia 94111-3834 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G06F

(11) WO 2004/107103 (13) A2

(21) PCT/US2004/015348

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/473,275 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AND METHOD FOR
SENSING EMULATOR CABLE ORIEN-
TATION WHILE PROVIDING SIGNAL
DRIVE CAPABILITY• APPAREIL ET PROCEDE POUR DE-
TECTION L'ORIENTATION D'UN
CABLE D'EMULATEUR TOUT EN
FOURNISSANT UNE CAPACITE DE
COMMANDE DE SIGNAUX(71) TEXAS INSTRUMENTS INCORPO-
RATED [US/US]; P.O. Box 655474, Mail
Station 3999, Dallas, TX 75265-5474 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) LERNER, Ronald, L. [US/US]; 864 Ivy
Wall Drive, Houston, TX 77079 (US). LAR-
SON, Lee, A. [US/US]; P.O. Box 5267, Katy,
TX 77491 (US).(74) BRADY, Wade, J. et al. / etc.; Texas Instru-
ments Incorporated, Deputy General Patent
Counsel, P.O. Box 655474, Mail Station 3999,
Dallas, TX 75265-5474 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

*(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)**(t) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)*(51)⁷ G06F

(11) WO 2004/107104 (13) A2

(21) PCT/US2004/015571

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/473,751 27 May/mai 2003 US
(27.05.2003)(30) 10/826,673 16 Apr/avr 2004 US
(16.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD, COMPUTER-READABLE
MEDIUM AND APPARATUS FOR
PROVIDING A GRAPHICAL USER
INTERFACE IN A CLIENT-SERVER
ENVIRONMENT• PROCEDE, SUPPORT LISIBLE PAR
ORDINATEUR ET APPAREIL PER-
METTANT DE FOURNIR UNE INTER-
FACE UTILISATEUR GRAPHIQUE AUN ENVIRONNEMENT CLIENT-SER-
VEUR(71) GROK, INC. [US/US]; 103 Providence
Mine Road, Suite 203, Nevada City, CA
95959 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) WOOD, Larry, James [US/US]; 14354
Sun Forest Drive, Penn Valley, CA 95946
(US). RICHARDS, Jonathan, D. [US/US];
1440 Hillsdale Road, Meadow Vista, CA
95722 (US). KATZ, Eric, Dean [US/US];
12402 Francis Drive, Grass Valley, CA 95949
(US). RIEGER, Adam, J. [US/US]; 11530
Banner Lava Cap Road, Nevada City, CA
95959 (US).(74) GROSBY, John, W.; Sierra Patent Group,
Ltd., P.O. Box 6149, Stateline, NV 89449
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G06F

(11) WO 2004/107105 (13) A2

(21) PCT/US2004/015890

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/445,383 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INTER-SUBNET MULTICAST RE-
LAYING SERVICE - A NETWORK
INFRASTRUCTURE INDEPENDENT
SOLUTION TO CROSS SUBNET MUL-
TICASTING• SERVICE DE RELAIS MUTI-DIFFU-
SION ENTRE DES SOUS RESEAUX,
UNE SOLUTION INDEPENDANTE
D'INFRASTRUCTURE DE RESEAU
POUR CROISER LA MULTI-DIFFU-
SION DE SOUS RESEAUX(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) CHEN, Shiwen [CN/US]; 12 Pecan
Valley Drive, Marlboro, NJ 07746 (US). LI,
Hongbing [CN/US]; 121 Primrose Court,
Belle Mead, NJ 08502 (US).(74) STOBBS, Gregory, A. et al. / etc.; P.O. Box
828, Bloomfield Hills, CA 48303 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/107106 (13) A2

(21) PCT/US2004/015897

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/445,380 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • ARCHITECTURE FOR DENSE MULTICAST NETWORKS WITH PROVISIONED ROUTES
• ARCHITECTURE POUR RESEAU A MULTIDIFFUSION DENSES AVEC TRAJETS FOURNIS

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Shiwen [CN/US]; 12 Pecan Valley Drive, Marlboro, New Jersey 07746 (US). YOSHIBA, Harumine [JP/JP]; Fujigaoko 2-37-3-306, Aoba-ku, Yokohama, Kanagawa-ken, 227-0043 (US).

(74) STOBBS, Gregory A. et al. / etc.; P.O. Box 828, Bloomfield Hills, CA 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/107107 (13) A2

(21) PCT/US2004/015912

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/443,859 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • AUTOMATIC ACTIVATION OF A WIRELESS DEVICE
• ACTIVATION AUTOMATIQUE D'UN DISPOSITIF SANS FIL

(71) VERISIGN, INC. [US/US]; 487 East Middlefield Road, Mountain View, CA 94043 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) WALDEN, Charles, Lee; 12 Cambridge Court, Richmond Hill, GA 31410 (US). WILEY, Daryl; 584 Oemler Loop, Savannah, GA 31410 (US). HUNT, Chris; 6 Lantern Lane, Savannah, GA 31410 (US).

(74) ROSINI, James, E. et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107108 (13) A2

(21) PCT/US2004/015924

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/442,170 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • A METHOD OF DATA INPUT INTO A COMPUTER

- PROCEDE DE SAISIE DE DONNEES DANS UN ORDINATEUR

(71) INNALABS TECHNOLOGIES, INC. [US/US]; 47337 Middle Bluff Place, Potomac Falls, VA 20165 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANTON, Suprun, E. [RU/RU]; UL. Sibikov-Guardeicev, Apt. 18, Novosibirsk, Russia 630048 (RU). SIMONENKO, Dmitri, V. [US/US]; 47337 Middle Bluff Place, Potomac Falls, VA 20165 (US).

(74) LANE, Philip, D.; McGuire Woods LLP, 1750 Tysons Boulevard, Suite 1800, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107109 (13) A2

(21) PCT/US2004/015938

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,083 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • SYSTEM AND METHOD FOR DYNAMICALLY AND ADAPTIVELY DELIVERING SPECIAL OFFERINGS IN A NETWORK ENVIRONMENT

- SYSTEME ET PROCEDE DE REMISE DYNAMIQUE ET ADAPTATIVE D'OFFRES PROMOTIONNELLES DANS UN ENVIRONNEMENT DE RESEAU

(71, 72) GUO, Jin [CN/US]; 10112 Imperial Ave., Cupertino, CA 95014 (US). TAO, Peng [CN/US]; 700 Promontory Point Lane, #1201, Foster City, CA 94404 (US). ZHANG, Yan [CN/US]; 465 Gabilan St. #5, Los Altos, CA 94022 (US).

(74) MACKENZIE, Douglas et al. / etc.; 100 Century Center Ct., San Jose, CA 95112 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/107110 (13) A2

(21) PCT/US2004/015941

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,092 23 May/mai 2003 US (23.05.2003)

(30) 10/675,926 30 Sep/sep 2003 US (30.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MANAGING INFORMATION IN A MULTI-HUB SYSTEM FOR COLLABORATIVE PLANNING AND SUPPLY CHAIN MANAGEMENT

• GESTION DE L'INFORMATION DANS UN SYSTEME MULTI-NOEUD DE PLANIFICATION MULTILATERALE ET GESTION DE CHAINE D'APPROVISIONNEMENT

(71) E2OPEN LLC [US/US]; 1600 Seaport Boulevard, 5th Floor, Redwood City, CA 94063 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) CLARK, Gregory, Scott; 20 Knollcrest Road, Hillsborough, CA 94010 (US). ÜNAL, Aynur; 4255 Suzanne Drive, Palo Alto, CA 94306 (US). MEEHAN, Michael; 1150 Welch Road #521, Palo Alto, CA 94304 (US).

(74) SWERNOFSKY, Steven, A.; Swernofsky Law Group PC, P.O. Box 390013, Mountain View, CA 94039-0013 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107111 (13) A2

(21) PCT/US2004/015943

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,373 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • EFFICIENT REPRESENTATION OF STATE TRANSITION TABLES

• REPRESENTATION EFFICACE DES TABLES DE TRANSITION D'ETAT

(71) SENSORY NETWORKS, INC. [US/US]; 1804 Embarcadero Road, Suite 200, Palo Alto, CA 94303 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOULD, Stephen [AU/AU]; 4 Henry Street, Queens Park, New South Wales 2024 (AU). BARRIE, Robert, Matthew [AU/AU]; 5 Kiaora Road, Double Bay, New South Wales 2028 (AU). FLANAGAN, Michael [AU/AU]; 69 Burren Street, Newtown, New South Wales 2042 (AU). WILLIAMS, Darren [AU/AU]; 81 Campbell Street, Newtown, New South Wales 2042 (AU).

(74) TABIBI, Ardeshir et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107112 (13) A2

(21) PCT/US2004/016063

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/473,354 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DATA FEDERATION METHODS AND SYSTEM

• PROCEDES ET SYSTEME DE FEDERATION DE DONNEES

(71) SNAPBRIDGE SOFTWARE, INC. [US/US]; 2111 Palomar Airport Road, Suite 330, Carlsbad, CA 92009 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Benjamin [US/US]; 7040 Ave Encinas, Ste 104-110, Carlsbad, CA 92009 (US). OLIVER, Jason [US/US]; 1902 S. Westgate Avenue, Los Angeles, CA 90025 (US). SCHWARTZ, David [US/US]; 9461 Charleville Blvd., #577, Beverly Hills, CA 90212 (US). LINDSEY, William [US/US]; 2203 Hastings Drive, Apt. 28, Belmont, CA 94002 (US). MACDONALD, Angus [GB/US]; 447 Casita Way, Los Altos, CA 94022 (US).

(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107113 (13) A2

(21) PCT/US2004/016066

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,531 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NETWORKING METHODS AND APPARATUS

• PROCEDES ET APPAREIL DE MISE EN RESEAU

(71) COAXSYS, INC. [US/US]; 718 University Avenue, Suite 202, Los Gatos, CA 95032 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORELLI, John [US/US]; 7227 Glenview Drive, San Jose, CA 95120 (US). POWERS, Adam [US/US]; 3946 Hampden Court, Dublin, CA 94568 (US).

(74) PAYNTER, Scott, L. et al. / etc.; Woodard, Emhardt, Moriarty & McNett & Henry LLP, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107114 (13) A2

(21) PCT/US2004/016188

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,870 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CRYSTALS AND STRUCTURES OF C-ABL TRYOSINE KINASE DOMAIN

• CRISTAUX ET STRUCTURES DU DOMAINE DE TYROSINE KINASE C-ABL

(71) **STRUCTURAL GENOMIX, INC.** [US/US]; 10505 Roselle Street, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOUIE, Gordon, V.** [CA/US]; 4178 Decoro Street, #88, San Diego, CA 92122 (US). **BUCHANAN, Sean, Grant** [GB/US]; 1285 Hymettus Avenue, Encinitas, CA 92024 (US). **LEON, Barbara, Chie** [US/US]; 1144 Tarup Creek Road, Chula Vista, CA 91913 (US). **ARNOLD, William, D.** [US/US]; 11024 Red Cedar Drive, San Diego, CA 92131 (US).

(74) **KAWAI, Lau_ et al. / etc.;** Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107115 (13) A2

(21) PCT/US2004/016239

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/447,404 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISTRIBUTING AND CONTROLLING RIGHTS OF DIGITAL CONTENT

• SYSTEME ET PROCEDE DE DISTRIBUTION ET DE GESTION DE DROITS DE CONTENUS NUMERIQUES

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUKAMURA, Yoshihiro** [JP/US]; 5540 Allendale Drive, Riverside, CA 92507 (US).

(74) **BUTLER, Richard, H.;** Valley Oak Law, 5655 Silver Creek Valley Road, #106, San Jose, CA 95138 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107116 (13) A2

(21) PCT/US2004/016272

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,422 22 May/mai 2003 US (22.05.2003)

(30) 60/472,412 22 May/mai 2003 US (22.05.2003)

(30) 60/472,748 23 May/mai 2003 US (23.05.2003)

(30) 60/472,747 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ACTIVITY-DRIVEN, CUSTOMER PROFITABILITY CALCULATION SYSTEM

• SYSTEME DE CALCUL DE LA RENTABILITE D'UN CLIENT EN FONCTION DE SON ACTIVITE

(71) **PERSHING INVESTMENTS, LLC** [US/US]; White Clay Center, Route 273, Newark, DE 19711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YIP, Patrick** [IN/US]; 7 Braidburn Way, Morristown, NJ 07960 (US). **REDDY, Praveen** [IN/US]; 55 River Drive South, Apartment 1001, Jersey City, NJ 07310 (US).

(74) **CHEN, Wei-Chen;** McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107117 (13) A2

(21) PCT/US2004/016273

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,422 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RATING SYSTEM AND METHOD FOR IDENTIFYING DESIRABLE CUSTOMERS

• SYSTEME ET PROCEDE DE TARIFICATION PERMETTANT D'IDENTIFIER DES CLIENTS CORRESPONDANT AU PROFIL RECHERCHE

(71) **PERSHING INVESTMENTS, LLC** [US/US]; White Clay Center, Route 273, Newark, DE 19711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YIP, Patrick** [US/US]; 7 Braidburn Way, Morristown, NJ 07960 (US). **REDDY, Praveen** [IN/US]; 55 River Drive South, Apartment 1001, Jersey City, NJ 07310 (US).

(74) **CHEN, Wei-Chen;** McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107118 (13) A2

(21) PCT/US2004/016316

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/473,038 24 May/mai 2003 US (24.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONFERENCING SYSTEM

• RESEAU TELEINFORMATIQUE

(71) **GATELINX CORPORATION** [US/US]; 125 Murray Hill Road, Southern Pines, NC 28387 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGEN, David, A.** [US/US]; 360 East Illinois Avenue, Southern Pines, NC 28387 (US). **STEFANIK, Rick** [US/US]; 1 Weeburn, Pinehurst, NC 28374 (US).

(74) **GATLING, Kimberly, B. et al. / etc.;** SMITH MOORE LLP, 301 North Greene Street, Suite 1400, Greensboro, NC 27401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F
- (11) WO 2004/107119 (13) A2
- (21) PCT/US2004/016378
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 60/473,200 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM AND METHOD FOR PREFERENCE SCHEDULING OF STAFFING RESOURCES
- SYSTEME ET PROCEDE DE PROGRAMMATION PAR PREFERENCES DE RESSOURCES DE DOTATION EN PERSONNEL
- (71) PLANMATIC, INC. [US/US]; 15200 Shady Grove Road, Suite 450, Rockville, Maryland 20850 (US). JAYAWARDENA, Sonali, N. [LK/US]; 1220 East West Highway, #323, Silver Spring, MD 20910 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DESILVA, Anura, H. [US/US]; 6817 Bradley Blvd., Bethesda, Maryland 20817 (US). BARD, Jonathan, F. [US/US]; 6009 Mesa Drive, Austin, TX 78731 (US). CARIGNAN, Robert [CA/CA]; 859 le Premond, Quebec City, Québec G1X 3B3 (CA). YAKIMOVICH, Daniil [US/US]; 436 Ridge Road, #6, Greenbelt, MD 20770 (US). KARABULUT, Galip, M. [TR/US]; 12727 Fair Crest Court, Fairfax, VA 22033 (US). PURNOMO, Hadi, W. [ID/US]; 3565 Lake Austin Blvd., Apt. D, Austin, TX 78703-5504 (US). SHARMA, Abhinav [IN/US]; 1220 East West Highway, #311, Silver Spring, MD 20910 (US). OZDEMIR, Songul [TR/US]; 4735 North 21st Street, Apt. A-5, Arlington, VA 22207 (US).
- (74) OLSEN, Steven, R.; c/o Cooley Godward, LLP, One Freedom Square, Reston Town Center, 11951 Freedom Drive, Reston, VA 20190-5656 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F
- (11) WO 2004/107121 (13) A2
- (21) PCT/US2004/016400
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 60/472,412 22 May/mai 2003 US (22.05.2003)
- (30) 60/472,422 22 May/mai 2003 US (22.05.2003)
- (30) 60/472,748 23 May/mai 2003 US (23.05.2003)
- (30) 60/472,747 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND SYSTEM FOR PREDICTING ATTRITION CUSTOMERS
- PROCEDE ET SYSTEME POUR PREVOIR L'ATTRITION DE CLIENTS
- (71) PERSHING INVESTMENTS, LLC [US/US]; White Clay Center, Route 273, Newark, DE 19711 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YIP, Patrick [US/US]; 7 Braidburn Way, Morristown, NJ 07960 (US). REDDY, Praveen [IN/US]; 55 River Drive South, Apartment 1001, Jersey City, NJ 07310 (US). WATANABE, Larry [CA/US]; 23 Heritage Blvd., Princeton, NJ 08540 (US).
- (74) CHEN, Wei-Chen et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F
- (11) WO 2004/107122 (13) A2
- (21) PCT/US2004/016503
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 10/445,792 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM AND METHOD FOR DRUG MANAGEMENT UTILIZING TRANSFERABLE LABELS
- SYSTEME ET PROCEDE POUR LA GESTION DE MEDICAMENTS AU MOYEN D'ETIQUETTES TRANSFERABLES
- (71) CARDINAL HEALTH TECHNOLOGIES, LLC [US/US]; 7690 Cheyenne Avenue, Suite 100, Las Vegas, NV 89129 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETERKA, Michael, A. [US/US]; 2529 West Glenbrook Lane, Mequon, WI 53092 (US). MARTIN, James, R. [US/US]; 10748 Preston Way, Powell, OH 43065 (US).
- (74) NICKEY, Donald, O. et al. / etc.; Cardinal Health, Inc., 7000 Cardinal Place, Dublin, OH 43017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F
- (11) WO 2004/107120 (13) A2
- (21) PCT/US2004/016393
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en

- (25) en (26) en
(30) 60/473,738 **28 May/mai 2003** US
(28.05.2003)
(30) 60/473,949 **28 May/mai 2003** US
(28.05.2003)
(30) 60/473,742 **28 May/mai 2003** US
(28.05.2003)
(30) 60/486,768 **11 Jul/juil 2003** US
(11.07.2003)
(30) 60/498,819 **29 Aug/août 2003** US
(29.08.2003)
(30) 10/706,591 **12 Nov/nov 2003** US
(12.11.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • RESPONSE SYSTEMS AND METHODS FOR NOTIFICATION SYSTEMS FOR MODIFYING FUTURE NOTIFICATIONS
• SYSTEMES ET PROCEDES DE RE-
PONSE POUR SYSTEMES DE NO-
TIFICATION POUR MODIFIER DE
FUTURES NOTIFICATIONS
(71, 72) **HORSTEMEYER, Scott, A.** [US/US];
Apt. 205, 3280 Northside Parkway, Atlanta,
GA 30327 (US).
(74) **HORSTEMEYER, Scott, A.;** Thomas,
Kayden, Horstemeyer & Risley, LLP, Suite
1750, 100 Galleria Parkway, NW, Atlanta,
GA 30339-5948 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
Declaration / Déclaration :
(u) *for / pour US only / seulement*
(51)⁷ **G06F**
(11) **WO 2004/107124** (13) A2
(21) PCT/US2004/016544
(22) **26 May/mai 2004 (26.05.2004)**
(25) en (26) en
(30) 10/446,574 **27 May/mai 2003** US
(27.05.2003)
(30) 10/446,576 **27 May/mai 2003** US
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • SYSTEM AND METHOD FOR USER
INTERACTION IN A PEER-TO-PEER
ENVIRONMENT
• SYSTEME ET PROCEDE POUR
INTERACTION ENTRE UTILISA-
TEURS DANS UN ENVIRONNEMENT
POSTE-A-POSTE
(71) **NOKIA CORPORATION** [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous
les États désignés sauf US)
(71) **NOKIA INC.** [US/US]; 6000 Connection
Drive, Irving, Texas 75039 (US).
(only for / seulement pour LC)
(72, 75) **MARKKI, Outi** [FI/FI]; Pikkulin-
nunkuja 2 A, FIN-02660 Espoo (FI).
VESALAINEN, Timo [FI/FI]; Vatu-
niemenkatu 10 A 22, FIN-00210 Helsinki
(FI). **AALTONEN, Antti** [FI/FI]; Paalijar-
ventie 112, FIN-33680 Tampere (FI).
(74) **FILL, Peter, N.;** Morgan & Finnegan, L.L.P.,
Three World Financial Center, New York, NY
10281-2101 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
Declarations / Déclarations :
(s) *for all designations / pour toutes les
désignations*
(t) *for all designations / pour toutes les
désignations*
(51)⁷ **G06F**
(11) **WO 2004/107127** (13) A2
(21) PCT/US2004/016885
(22) **27 May/mai 2004 (27.05.2004)**
(25) en (26) en
(30) 60/473,424 **27 May/mai 2003** US
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(for all designated States except / pour tous
les États désignés sauf US)
(71) **NOKIA INC.** [US/US]; 6000 Connection
Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)
(72, 75) **MARKKI, Outi** [FI/FI]; Pikkulin-
nunkuja 2 A, FIN-02660 Espoo (FI).
VESALAINEN, Timo [FI/FI]; Vatu-
niemenkatu 10 A 22, FIN-00210 Helsinki
(FI). **AALTONEN, Antti** [FI/FI]; Paalijar-
ventie 112, FIN-33680 Tampere (FI).
(74) **FILL, Peter, N.;** Morgan & Finnegan, L.L.P.,
Three World Financial Center, New York, NY
10281-2101 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
(51)⁷ **G06F**
(11) **WO 2004/107126** (13) A2
(21) PCT/US2004/016728
(22) **27 May/mai 2004 (27.05.2004)**
(25) en (26) en
(30) 10/446,191 **28 May/mai 2003** US
(28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ARRANGEMENT FOR TRAVERSING
AN IPV4 NETWORK BY IPV6 MOBILE
NODES
• DISPOSITIF POUR FAIRE TRAVERSER
UN RESEAU IPV4 PAR DES NOEUDS
DE MOBILES IPV6
(71) **CISCO TECHNOLOGY, INC.** [US/US];
170 West Tasman Drive, San Jose, CA
95134-1706 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **THUBERT, Pascal** [FR/FR]; La
Pinatelo Villa 13, Chemin des Bas Cam-
pons, F-06480 La Colle Sur Loup (FR).
MOLTENI, Marco [IT/FR]; 36, Vieux
Chemin de St. Jean, F-06600 Antibes (FR).
WETTERWALD, Patrick [FR/FR]; 32
Chemin de Saint Laurent, F-06800 Cagnes
sur Mer (FR). **TROAN, Ole** [NO/GB]; 60
Oakley Court, St. Annes Rise, Redhill, RH1
1AN (GB).
(74) **TURKEVICH, Leon, R. et al. / etc.;** 2000
M Street, N.W., Suite 700, Washington, DC
20036-3307 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
Declarations / Déclarations :
(s) *for all designations / pour toutes les
désignations*
(t) *for all designations / pour toutes les
désignations*
(51)⁷ **G06F**
(11) **WO 2004/107127** (13) A2
(21) PCT/US2004/016885
(22) **27 May/mai 2004 (27.05.2004)**
(25) en (26) en
(30) 60/473,424 **27 May/mai 2003** US
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CREDIT CARD REWARDS PROGRAM SYSTEM AND METHOD

- PROCEDE ET SYSTEME DE PROGRAMME DE RECOMPENSE PAR CARTE DE CREDIT

(71) CITICORP CREDIT SERVICES, INC. [US/US]; One Court Square, Long Island City, NY 11120 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) FREIBERG, Steven; 310 Vista Drive, Jericho, NY 11753 (US).

(74) LIPSITZ, Randy et al. / etc.; Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107128 (13) A2

(21) PCT/US2004/016893

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,008 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR TIME-BASED SCHEDULING

- SYSTEME ET PROCEDE DE PLANIFICATION

(71) COVARO NETWORKS, INC. [US/US]; 2301 N. Greenville Avenue, #300, Richardson, TX 75082 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANKEY, Wayne Robert [CA/US]; 2616 Owl Creek Drive, Plano, TX 75025 (US). JAMIESON, Ross Alexander [US/US]; 6712 Creekside, Plano, TX 75023 (US). WEEKS, John Kevin [CA/US]; 2700 Berrywood Court, Richardson, TX 75082 (US). ROA-DIAZ, Marlon B. [US/US]; 2513 Heather Glen Drive, Plano, TX 75025 (US). ELIAS, Paul Anthony [US/US]; 3519 Willowbrook Drive, Richardson, TX 75080 (US). MEZEUL, Michael Joseph [US/US]; Apartment 1836, 1420 West McDermott Drive, Allen, TX 75013 (US). YASEEN, Nimer Ibrahim [CA/US]; 204 Fairfax Drive, Allen, TX 75013 (US).

(74) BLISS, Timothy F. et al. / etc.; Haynes and Boone, LLP, Suite 3100, 901 Main Street, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/107129 (13) A2

(21) PCT/US2004/016895

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,815 28 May/mai 2003 US (28.05.2003)

(30) 10/855,247 27 May/mai 2004 US (27.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR MANAGING VENDING MACHINE OFFERS

- PROCEDE ET APPAREIL DE GESTION D'OFFRES DE DISTRIBUTEURS

(71) WALKER DIGITAL, LLC [US/US]; 1177 High Ridge Road, Suite 128, Stamford, CT 06905 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALKER, Jay, S. [US/US]; 260 Oscaleta Road, Ridgefield, CT 06877 (US). BREITENBACH, Paul, T. [US/US]; 33 Hillbrook Road, Wilton, CT 06897 (US). LEE, Sih, Y. [US/US]; 131 Rockland Avenue, Northvale, NJ 07647 (US). O'NEIL, Michael, V. [US/US]; 175 West 73rd Street, Apartment 16D, New York, NY 10023 (US). SIGNORELLI, Paul, D. [US/US]; 241 East 76th Street 2D, New York, NY 10021 (US). TEDESCO, Daniel, E. [US/US]; Two Arden Lane, Huntington, CT 06484 (US). JORASCH, James, A. [US/US]; 25 Forest Street, Apt. 5G, Stamford, CT 06901 (US). GELMAN, Geoffrey, M. [US/US]; 21 Belltown Road, Stamford, CT 06905 (US).

(74) FINCHAM, Madgalena, M. et al. / etc.; Walker Digital Management, LLC, Intellectual Property Department, Five High Ridge Park, Stamford, CT 06905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/107130 (13) A2

(21) PCT/US2004/017011

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,961 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTILAYER ACCESS CONTROL SECURITY SYSTEM

- SYSTEME DE SECURITE DE COMMANDE D'ACCES MULTICOUCHE

(71) CAYMAS SYSTEMS, INC. [US/US]; 1179-A North McDowell Boulevard, Petaluma, CA 94954 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TERZIS, Andreas [GR/US]; 9304-J Carsins Run, Owings Mill, MD 21117 (US). MURGIA, Marco, A. [US/US]; 267 Belblossom Drive, #14, Rohnert Park, CA 94087 (US). BASKARAN, Ashwin [IN/US]; 7 Sapporo Court, Petaluma, CA 94954 (US).

(74) SINGER, James, M.; Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/107131 (13) A2

(21) PCT/US2004/017012

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,964 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • POLICY BASED NETWORK ADDRESS TRANSLATION

• TRANSLATION D'ADRESSE DE RE-SEAU FONDEE SUR UNE POLITIQUE

(71) CAYMAS SYSTEMS, INC. [US/US]; 1179-A North McDowell Boulevard, Petaluma, CA 94954 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SRISURESH, Pyda [US/US]; 8 Dickens Court, Mill Valley, CA 94941 (US). MURGIA, Marco, A. [US/US]; 267 Bellblossom Drive, Los Gatos, CA 95032 (US). GUNUGANTI, Ramakanth [IN/US]; 110 E. Remington Drive, #14, Sunnyvale, CA 94087 (US).

(74) SINGER, James, M. ; Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/107132 (13) A2

(21) PCT/US2004/017015

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,931 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD, SYSTEM AND SOFTWARE FOR STATE SIGNING OF INTERNET RESOURCES

• PROCEDE, SYSTEME ET LOGICIEL DE CODAGE D'ETAT DE RESOURCES INTERNET

(71) CAYMAS SYSTEMS, INC. [US/US]; 1179-A North McDowell Boulevard, Petaluma, CA 94954 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSENSTEIN, Adam, H. [US/US]; P.O. Box 750814, Petaluma, CA 94941 (US).

(74) SINGER, James, M. ; Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/107133 (13) A2

(21) PCT/US2004/017025

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/447,850 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR AUTOMATED DATA PROCESSING

• SYSTEME ET PROCEDE POUR TRAITER DES DONNEES DE MANIERE AUTOMATIQUE

(71) REGAL PRESS INC. [US/US]; 129 Guild Street, Norwood, MA 02062 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUFFEY, William, N. [US/US]; 300 Foxhill Street, Westwood, MA 02090 (US).

(74) SLAVITT, Joshua, R.; Synnestvedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/107134 (13) A2

(21) PCT/US2004/017026

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,963 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR IDENTIFYING BIDIRECTIONAL PACKET FLOW

• PROCEDE ET SYSTEME D'IDENTIFICATION DE FLUX DE PAQUETS BIDIRECTIONNELS

(71) CAYMAS SYSTEMS, INC. [US/US]; 1179-A North McDowell Boulevard, Petaluma, CA 94954 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DORBOLO, Riccardo, G. [US/US]; 1664 Northstar Drive, Petaluma, CA 94954 (US). DAVIS, Michael [US/US]; - (US).

(74) SINGER, James, M. ; Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations

(51)⁷ G06F

(11) WO 2004/107135 (13) A2

(21) PCT/US2004/017212

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,819 28 May/mai 2003 US
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEMS AND METHODS FOR VALI-
DATING ELECTRONIC COMMUNICA-
TIONS

• SYSTEMES ET PROCEDES DE VALI-
DATION DE COMMUNICATIONS
ELECTRONIQUES

(71) SOFTEK SOFTWARE INTERNA-
TIONAL, INC. [US/US]; 241 Federal
Plaza West, Youngstown, OH 44503 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HANCOCK, Glenn [US/US]; 302 Pon-
derosa Trail, Jackson, GA 30233 (US).

(74) KOLOCOURIS, Gregory, S. et al. / etc.;
Benesch, Friedlander, Coplan & Aronoff,
LLP, 2300 BP Tower, 200 Public Square,
Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F

(11) WO 2004/107136 (13) A2

(21) PCT/US2004/005981

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 10/444,007 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR QUALI-
FYING AND EFFECTUATING ELEC-
TRONIC TRANSACTIONS

• PROCEDE ET SYSTEME DE DE-
TERMINATION DE CAPACITE ET
D'EXECUTION DE TRANSACTIONS
ELECTRONIQUES

(71) FIRST DATA CORPORATION [US/US];
265 Broadhollow Road, Melville, NY 11747
(US).

(72) MARTIN, Wayne; 12748 N.W. 13th Manor,
Coral Springs, FL 33071 (US).

(74) SCHILDKRAUT, Mark; Kaye Scholer
LLP, 425 Park Avenue, New York, NY
10022-3598 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F

(11) WO 2004/107137 (13) A2

(21) PCT/US2004/006903

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 60/320,220 24 May/mai 2003 US
(24.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND CODE FOR AUTHEN-
TICATING ELECTRONIC MESSAGES

• PROCEDE ET CODE
D'AUTHENTIFICATION DE
MESSAGES ELECTRONIQUES

(71) SAFE E MESSAGING, LLC [US/US];
2916 Mazin Court, Ypsilanti, MI 48197 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) TOUT, Walid, R. [CA/US]; 2916 Mazin
Court, Ypsilanti, MI 48197 (US).

(74) DELEVIE, Hugo, A. et al. / etc.; Brinks,
Hofer, Gilson & Lione, P.O. Box 10087,
Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 1/00, 21/00, H04L 29/06

(11) WO 2004/107138 (13) A1

(21) PCT/US2004/015830

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/443,929 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR CON-
TROLLED MEDIA SHARING IN A
NETWORK

• PROCEDE ET SYSTEME DE PARTAGE
DE MEDIA CONTROLE DANS UN RE-
SEAU

(63) US 10/443,929 (CON)
21 May/mai 2003 (21.05.2003)

(71) MUSIC PUBLIC BROADCASTING,
INC. [US/US]; 55 River Street, Ste. 200,
Santa Cruz, California 95060 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RISAN, Hank [US/US]; 515 Washing-
ton Street, Santa Cruz, California 95060 (US).
FITZGERALD, Edward, V. [US/US]; 100
Peach Terrace, Santa Cruz, California 95060
(US).

(74) GALLENSON, Mavis, S. et al. / etc.; 5670
Wilshire Boulevard, Suite 2100, Los Angeles,
California 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 1/00

(11) WO 2004/107139 (13) A1

(21) PCT/US2004/017189

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,650 28 May/mai 2003 US
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SECURE USER ACCESS SUBSYSTEM
FOR USE IN A COMPUTER INFORMA-
TION DATABASE SYSTEM

• SOUS-SYSTEME D'ACCES UTILISA-
TEUR SECURISE QUE L'ON UTILISE
DANS UN SYSTEME DE BASE DE
DONNEES D'INFORMATION INFOR-
MATIONNELLE

(71) BELARC, INC. [US/US]; Two Clock Tower
place- Suite 525, Maynard, MA 01754 (US).
NEWMAN, Gary, H. [US/US]; 115 North
Branch Road, Concord, MA 01742 (US).
FRANKLIN, James, W. [US/US]; 31 Hog
Hill Road, Pepperell, MA 01463 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(74) SHEEHAN, Patricia, A. et al. / etc.; Cesari
and McKenna, LLP, 88 Black Falcon Avenue-
Suite 271, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 1/16

(11) WO 2004/107140 (13) A1

(21) PCT/CN2004/000477

(22) 13 May/mai 2004 (13.05.2004)

(25) zh (26) zh

(30) 03257432.0 13 May/mai 2003 CN (13.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FOOLISH COMPUTER

• ORDINATEUR IDIOT

(71, 72) YAO, Kuyi [CN/CN]; No. 504 Building 5, Dancing Institute, No. 19 Minzu Xueyuan Nanlu, Beijing 100081 (CN).

(74) LIU, SHEN & ASSOCIATES; A0601, Huibin Building, No. 8 Beichen Dong Street, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 1/16, H02J 7/14, H01Q 1/38

(11) WO 2004/107141 (13) A1

(21) PCT/IB2004/001769

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/474,825 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LUGGAGE FOR COOPERATING WITH VARIOUS PORTABLE DEVICES

• BAGAGE APTE A COOPERER AVEC DIFFERENTS DISPOSITIFS PORTATIFS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). TILBURY,

Nancy, Alice [GB/GB]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARMAROPOULOS, George [GR/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US). MAMA, Kyr-iakos (Jack) [GB/GB]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US). VU, Giang, Truong [GB/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Waxler, Aaron, P.O.Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 1/20

(11) WO 2004/107142 (13) A2

(21) PCT/US2004/017041

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/446,854 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AIR RE-CIRCULATION INDEX

• COEFFICIENT D'AIR DE REPRISE

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. [US/US]; 20555 SH 249, Houston, CA 77070 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BASH, Cullen [US/US]; 662 Mangels Ave., San Francisco, CA 94127 (US). SHARMA, Ratnesh [US/US]; 1501 Decoto Road #167, Union City, CA 94587 (US). PATEL, Chandrakant D. [US/US]; 37432 Gillett Road, Fremont, CA 94536 (US).

(74) LANGE, Richard P.; IP Administration, P.O. Box 272400, Fort Collins, CO 80527 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/26

(11) WO 2004/107143 (13) A1

(21) PCT/JP2003/006788

(22) 29 May/mai 2003 (29.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR CONTROLLING COMPUTER SYSTEM HAVING WIRELESS DISPLAY AND COMPUTER SYSTEM

• PROCEDE DE COMMANDE D'UN ORDINATEUR A AFFICHEUR SANS FIL ET SYSTEME D'ORDINATEUR

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71) FUJITSU PERIPHERALS LIMITED [JP/JP]; 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP).
(only for / seulement pour JP)

(72, 75) HARA, Takuya [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP).

(74) KUBO, Yukio; Oriental Chisan Building, 1-26, Nishinakajima 7-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) JP KR US.

(51)⁷ G06F 1/32, H03K 19/00, 19/21

(11) WO 2004/107144 (13) A1

(21) PCT/IB2004/050720

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101534.0 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MONITORING AND CONTROLLING POWER CONSUMPTION

• CONTROLE ET REGULATION DE CONSOMMATION ELECTRIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PINEDA DE GYVEZ, Jose, D., J. [MX/NL]; c/o Prof. Holstlaan 6, NL-5656

- AA Eindhoven (NL). RIUS VAZQUEZ, Josep [ES/ES]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/00
- (11) WO 2004/107146 (13) A2
- (21) PCT/GB2004/002302
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) 0312465.8 30 May/mai 2003 GB (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A DATA INPUT METHOD FOR A COMPUTING DEVICE
- PROCEDE DE SAISIE DE DONNEES POUR UN DISPOSITIF DE CALCUL
- (71) THEREFORE LIMITED [GB/GB]; 2 Huntworth Mews, London NW1 6DD (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIDDIFORD, Martin [GB/GB]; Therefore Limited, 2 Huntworth Mews, London NW1 6DD (GB).
- (74) ORIGIN LIMITED; 52 Muswell Hill Road, London N10 3JR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/32
- (11) WO 2004/107145 (13) A1
- (21) PCT/JP2004/007097
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ja (26) ja
- (30) 2003-148752 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POWER SAVING INHIBITING FACTOR IDENTIFICATION SYSTEM, INFORMATION PROCESSING DEVICE, POWER SAVING INHIBITING FACTOR IDENTIFICATION METHOD, PROGRAM, AND RECORDING MEDIUM
- SYSTEME D'IDENTIFICATION DE FACTEURS D'ECONOMIE D'ENERGIE, DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE D'IDENTIFICATION DE FACTEURS D'ECONOMIE D'ENERGIE, PROGRAMME ET SUPPORT D'ENREGISTREMENT
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIYAMA, Noritoshi [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 2428502 (JP). INUI, Takashi [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 2428502 (JP). TADOKORO, Mizuho [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 2428502 (JP).
- (74) SAKAGUCHI, Hiroshi et al. / etc.; c/o Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 2428502 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 3/00, 3/033
- (11) WO 2004/107147 (13) A2
- (21) PCT/IB2004/050760
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 03101586.0 2 Jun/juin 2003 EP (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTO-ELECTRONIC INPUT DEVICE, METHOD OF MANUFACTURING SUCH A DEVICE AND METHOD OF MEASURING THE MOVEMENT OF AN OBJECT BY MEANS OF SUCH A DEVICE
- DISPOSITIF DE SAISIE OPTOELECTRONIQUE, SON PROCÉDÉ DE FABRICATION ET PROCÉDÉ POUR MESURER LE MOUVEMENT D'UN OBJET À L'AIDE DE CE DISPOSITIF
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE SAMBER, Marc, A. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VRANKEN, Roger, A. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WEEKAMP, Johannus, W. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) ROLFES, Johannes, G., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ G06F 3/00
- (11) WO 2004/107148 (13) A1
- (21) PCT/JP2004/005733
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 2003-120194 24 Apr/avr 2003 JP (24.04.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PC CARD AND PC CARD CONTROL METHOD
- CARTE PC ET PROCEDE DE COMMANDE DE CARTE PC
- (71) SOFTBANK BB CORP. [JP/JP]; 24-1, Nihonbashi-Hakozakicho, Chuo-ku, Tokyo, 1038501 (JP). SUNCORPORATION [JP/JP]; 250, Asahi, Kochino-cho, Kounan-shi, Aichi, 4838555 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SON, Masayoshi [JP/JP]; 4-2-301, Azabudai 1-cho, Minato-ku, Tokyo, 1060041 (JP). YOSHIKAWA, Satoru [JP/JP]; 250, Asahi, Kochino-cho, Kounan-shi, Aichi, 4838555 (JP).
- (74) SASAKI, Atsurou; SkyBuilding 17th F Yokohama Patent Attorneys Office 2-19-12, Takashima, Nishi-ku, Yokohama-shi Kanagawa, 2200011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/00
- (11) WO 2004/107149 (13) A1
- (21) PCT/JP2004/005734
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 2003-120202 24 Apr/avr 2003 JP (24.04.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PC CARD AND PC CARD CONTROL METHOD
- CARTE PC ET PROCEDE DE COMMANDE DE CARTE PC
- (71) SOFTBANK BB CORP. [JP/JP]; 24-1, Nihonbashi-Hakozakicho, Chuo-ku, Tokyo, 1038501 (JP). SUNCORPORATION [JP/JP]; 250, Asahi, Kochino-cho, Kounan-shi, Aichi, 4838555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SON, Masayoshi [JP/JP]; 4-2-301, Azabudai 1-chome, Minato-ku, Tokyo, 1060041 (JP). YOSHIKAWA, Satoru [JP/JP]; 250, Asahi, Kochino-cho, Kounan-shi, Aichi, 4838555 (JP).
- (74) SASAKI, Atsurou; SkyBuilding 17th F Yokohama Patent Attorneys Office 2-19-12, Takashima, Nishi-ku, Yokohama-shi, Kanagawa, 2200011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G06F 3/00, 17/30
- (11) WO 2004/107151 (13) A1
- (21) PCT/US2003/015610
- (22) 16 May/mai 2003 (16.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FILE SYSTEM SHELL
- PROGRAMME ≤ SHELL ≥ D'UN SYSTÈME DE FICHIERS
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) MOORE, Jason, F.; 431 Fifth Avenue S., Apt. 2, Kirkland, WA 98033 (US). DE VORCHIK, David, G.; 414 W Newell Street, Seattle, WA 98119 (US). BALLOU, Nathaniel, H.; 11126 NE 104th Way, Kirkland, WA 98033 (US). BANKS, Richard, M.; 9739 - 112th Avenue N.E., Kirkland, WA 98033 (US). GUZAK, Chris, J.; 8363 NE Juanita Drive, Kirkland, WA 98034 (US). MINER, Patrice, L.; 3719 - 101st Way N.E., Kirkland, WA 98033 (US). SHELDON, David, J.; 2319 1st Avenue, #302, Seattle, WA 98119 (US). KURTZ, James, B.; 4338 Latona, Seattle, WA 98105 (US). HALLY, Judson, C.; 4226 - 205th Place NE, Sammamish, WA 98074 (US). BEAM, Tyler, K.; 9200 Red-Wood Road NE, Apt. D324, Redmond, WA 98052 (US).
- (74) FARBER, George, S.; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/00, 3/033
- (11) WO 2004/107153 (13) A2
- (21) PCT/US2004/016490
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 60/473,814 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MULTI-FOCAL PLANE USER INTER-FACE SYSTEM AND METHOD

- SYSTEME ET PROCEDE POUR INTER-FACE UTILISATEUR A PLAN MULTI-FOCAL

(71) **BROTHER INTERNATIONAL CORPORATION** [US/US]; Henry Sacco, Esq., 100 Somerset Corporate Blvd., Bridgewater, NJ 08807-0911 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DARTY, Mark, Anthony** [US/US]; 1068 Stanhope Road, Collierville, TN 38107 (US). **DOUGLASS, James** [US/US]; 6347 Flacon Ridge Cove, Bartlett, TN 38135-7403 (US). **TRANHAM, Laura** [US/US]; 1125 Joann Road, Somerville, TN 38068-6064 (US).

(74) **LEDONNE, Eugene**; Reed Smith LLP, 599 Lexington Avenue, 29th Floor, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/033, 3/02, 1/16

(11) WO 2004/107154 (13) A2

(21) PCT/CA2004/000798

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/448,929 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS TO PERMIT USE OF A COMPUTER POINTING DEVICE WITHIN THE FOOTPRINT OF A KEYBOARD

- APPAREIL PERMETTANT D'UTILISER UN DISPOSITIF DE POINTAGE D'ORDINATEUR DANS L'ENCOMBREMENT D'UN CLAVIER

(71, 72) **HSU, Jerry, Chin, Run** [CA/CA]; 3130 Promenade Mews, Vancouver, British Columbia V5Z 4N4 (CA).

(74) **CLARK, Neil, S. et al.** / etc.; Smart & Biggar, Box 11560, Vancouver Centre, Suite 2200 - 650 W. Georgia St., Vancouver, British Columbia V6B 4N8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/033

(11) WO 2004/107155 (13) A2

(21) PCT/GB2004/002332

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 0312629.9 2 Jun/juin 2003 GB (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INFORMATION RETRIEVAL APPARATUS AND METHOD

- APPAREIL ET PROCEDE DE RECHERCHE D'INFORMATIONS

(71, 72) **LEE, Yisia, Young, Suk** [KR/GB]; 27 Sandilands Road, London SW6 2BD (GB).

(74) **COLLINS, John, David**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/033

(11) WO 2004/107156 (13) A2

(21) PCT/IB2004/001707

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 60/473,855 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIAGNOSTIC IMAGING SYSTEM CONTROL WITH MULTIPLE CONTROL FUNCTIONS

- COMMANDE A FONCTIONS DE COMMANDE MULTIPLES POUR SYSTEME D'IMAGERIE DIAGNOSTIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRISA, Janice** [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US). **POLAND, McKee, Dunn** [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/033

(11) WO 2004/107157 (13) A1

(21) PCT/IB2004/001778

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312516.8 31 May/mai 2003 GB (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OBJECT SHAPE DETERMINATION METHOD AND SYSTEM THEREFOR

- PROCEDE ET SYSTEME DE DETERMINATION DE LA FORME D'UN OBJET

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN BERKEL, Cornelis** [NL/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(74) **WHITE, Andrew, G.**; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 3/06

(11) WO 2004/107158 (13) A2

(21) PCT/EP2004/050771

- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 10/447,899 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MAGNETIC TAPE DATA STORAGE SYSTEM BUFFER MANAGEMENT
- GESTION DE TAMPONS DE SYSTÈME DE STOCKAGE DE DONNÉES A BANDE MAGNETIQUE
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72, 75) DAHMAN, Kirby, Grant [US/US]; 3614 East Kingler Spring Place, Tucson, AZ 85718 (US). GRECO, Paul, Merrill [US/US]; 2791 W.Woodview Crest Drive, Tucson, AZ 85742 (US). JAQUETTE, Glen, Alan [US/US]; 5270 N. Rocky Ridge Place, Tucson, AZ 85750 (US).
- (74) WILLIAMS, Julian, David; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ G06F 3/06
- (11) WO 2004/107160 (13) A2
- (21) PCT/US2004/016175
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/473,322 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CROSS-PLATFORM VIRTUAL TAPE DEVICE EMULATION
- EMULATION D'UNE UNITE DE BANDE VIRTUELLE MULTIPLATE-FORME
- (71) COMPUTER ASSOCIATES THINK, INC. [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RE, Vincent [US/US]; 12 Saneck Drive, St. James, NY 11780 (US). MOONEY, Daniel [US/US]; 12, Harborview Place, Center Moriches, NY 11934 (US).
- (74) JAWORSKI, Richard, F. et al. / etc.; Cooper & Dunham LLP, 1185 Avenue of the America, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/06
- (11) WO 2004/107159 (13) A1
- (21) PCT/IB2004/002029
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) 0312569.7 2 Jun/juin 2003 GB (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DATA STORAGE DEVICE
- DISPOSITIF DE STOCKAGE DE DONNÉES
- (71) ACCELERATED LOGIC B.V. [NL/NL]; Van der Marckstraat 17d, NL-2532 RA Leiderdorp (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BANCSI, Pascal [NL/NL]; Accelerated Logic B.V., Van der Marckstraat 17d, NL-2532 RA Leiderdorp (NL).
- (74) HACKETT, Sean, James; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/12
- (11) WO 2004/107161 (13) A1
- (21) PCT/JP2004/007266
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-155998 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGE FORMING SYSTEM AND IMAGE FORMING APPARATUS
- SYSTÈME ET PROCÉDE DE FORMATION D'IMAGES
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WATABE, Tatsuya [JP/JP]; Yamatoryo 406, 492, Minosho-cho, Yamatokoriyama-shi, Nara 639-1103 (JP).
- (74) KOHNO, Takao; Kohno Patent Office, 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0035 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 7/00, 17/30
- (11) WO 2004/107162 (13) A1
- (21) PCT/US2003/015356
- (22) 19 May/mai 2003 (19.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DYNAMIC OBJECT-DRIVEN DATABASE MANIPULATION AND MAPPING SYSTEM
- SYSTÈME DE MISE EN CORRESPONDANCE ET DE MANIPULATION DE BASE DE DONNÉES DYNAMIQUE ORIENTÉE OBJETS
- (71) THOUGHT, INC. [US/US]; 657 Mission Street, San Francisco, CA 94105 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MULLINS, Ward [US/US]; 2222 Leavenworth Street, Suite 304, San Francisco, CA 94133 (US). MARTINS, Alexandre [BR/BR]; Rua Almirante Lamego 703, 88015-600, Centro, Floianopolis (BR).
- (74) ORZECZOWSKI, Karen, Lee; 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 9/38
- (11) WO 2004/107163 (13) A1
- (21) PCT/JP2003/006668
- (22) 28 May/mai 2003 (28.05.2003)
- (25) ja (26) ja
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INSTRUCTION CONTROL DEVICE HAVING BRANCHING PREDICTION MECHANISM AND CONTROL METHOD THEREOF
- DISPOSITIF DE CONTROLE D'INSTRUCTION PRESENTANT UN MECANISME DE PREDICTION DE RAMIFICATION ET METHODE DE CONTROLE ASSOCIEE
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUNAYAMA, Ryuichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). INOUE, Aichirou [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). UKAI, Masaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) JP US.
- (51)⁷ G06F 9/40
- (11) WO 2004/107164 (13) A2
- (21) PCT/US2003/015272
- (22) 17 May/mai 2003 (17.05.2003)
- (25) en (26) en
- (30) 10/439,514 16 May/mai 2003 US (16.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • USER INTERFACE AUTOMATION FRAMEWORK CLASSES AND INTERFACES
- INTERFACES ET CLASSES INFORMATIQUES EN INTERACTION AVEC UNE INTERFACE UTILISATEUR
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) MCKEON, Brendan; 1705 Summit Avenue, #307, Seattle, WA 98122 (US). SINCLAIR, Robert; 24136 NE 6th Place, Sammamish, WA 98074 (US). WAGONER, Patricia, M.; 23723 NE 61st Street, Redmond, WA 98053 (US). REID, Paul, J.; 21400 NE 184th Place, Woodinville, WA 98072 (US). FRIEDMAN, Michael, A.; 1717 266th Way SE, Sammamish, WA 98075-7954 (US). BURNS, Heather, S.; 17819-2 NE 96th Way, Redmond, WA 98052 (US).
- (74) STROHM, Scott, B. et al. / etc.; Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, MO 64108-2613 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 9/44
- (11) WO 2004/107165 (13) A1
- (21) PCT/KR2003/001981
- (22) 29 Sep/sep 2003 (29.09.2003)
- (25) en (26) en
- (30) 10-2003-0035732 3 Jun/juin 2003 KR (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AN APPARATUS WHICH CONTROLS AUDIO DATA FROM VARIOUS DRIVER ONLY BY INTERNAL SOFTWARE AND THE METHOD THEREOF
- CONTROLEUR DE SONS NUMERIQUES DE DIVERS PILOTES NE PROCEDANT QUE PAR LOGICIEL INTEGRE, ET PROCEDES A CET EFFET
- (71) EGO SYSTEM [KR/KR]; Shin Han Bldg., Suite 1003, Yoido-dong, 45-11, Young-dungpo-gu, Seoul 150-736 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIM, Changsoo [KR/KR]; 15/2, #183-15, Nonhyun-1-dong, Kangnam-gu, Seoul 135-827 (KR).
- (74) KIM, Yoo; 2-201 Taewon Building, 746-15 Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 9/44
- (11) WO 2004/107166 (13) A2
- (21) PCT/US2004/015968
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 10/447,354 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND SYSTEM FOR DETERMINING ENTERPRISE ARCHITECTURE ASPECT OBJECTS USING EXTERNALIZING CONDITIONAL LOGIC
- PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LES OBJETS D'ASPECT D'UNE ARCHITECTURE D'ENTREPRISE AU MOYEN DE L'EXTERNALISATION D'UNE LOGIQUE CONDITIONNELLE
- (71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NUYENS, Erik, D. [BE/BE]; Ten Eekhovlei 85, B-2100 Deurne (BE). DHONDT, Edwin, M., E. [BE/BE]; Scherpenbergstraat 29B, B-2960 Brecht (BE). POPPE, Stefan, P., M. [BE/BE]; Generaal Slingeneyerlaan 106, B-2100 Deurne (BE).
- (74) PAGE, Steven, L.; EDS, 5400 Legacy drive, H3-3A-05, Plano, TX 75024 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 9/445

(11) WO 2004/107167 (13) A1

(21) PCT/EP2004/005667

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03012033.1 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD OF CUSTOMIZING AN OBJECT BY PARAMETRISING AN APPLICATION PROGRAM

• PROCEDE SERVANT A PERSONNALISER UN OBJET PAR PARAMETRAGE D'UN PROGRAMME D'APPLICATION

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMITT, Winfried [DE/DE]; Ziegelstrasse 34, 69190 Walldorf (DE).

(74) RICHARDT, Markus et al. / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/445

(11) WO 2004/107168 (13) A1

(21) PCT/IB2004/050766

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03101613.2 3 Jun/juin 2003 EP
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BOOTING FROM NON-VOLATILE MEMORY

• DEMARRAGE A PARTIR D'UNE MEMOIRE NON VOLATILE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FONTIJN, Wilhelmus, F., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DENNISSEN, Adrianus, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOCHEMSEN, Robert [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LAMBERT, Nicolaas [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)(51)⁷ G06F 9/445

(11) WO 2004/107169 (13) A1

(21) PCT/US2004/015985

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/448,696 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DYNAMIC BIOS EXECUTION AND CONCURRENT FOR A BLADE SERVER

• EXECUTION DYNAMIQUE DE BIOS ET MISE A JOUR SIMULTANEE DANS UN SERVEUR BLADE

(71) INTEL CORPORATION (a corporation of Delaware) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) GOUD, Gundrala; 1900 Blacklake Boulevard, #GG-07, Olympia, WA 98512 (US). HIRAY, Sandip; 32133, 20th Lane SW, #93, Federal Way, WA 98023 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 9/45

(11) WO 2004/107170 (13) A1

(21) PCT/JP2004/007731

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-151472 28 May/mai 2003 JP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROGRAM EXECUTION CONTROL DEVICE

• DISPOSITIF DE COMMANDE D'EXECUTION DE PROGRAMME

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOI, Shigenori AOKI, Hiroshi IMANISHI, Yuko

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka, 5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/46

(11) WO 2004/107171 (13) A2

(21) PCT/NO2004/000142

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 20032418 27 May/mai 2003 NO
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AGGREGATION OF NON BLOCKING STATE MACHINES ON ENTERPRISE JAVA BEAN PLATFORM

• AGREGATION DE MACHINES ETATS NON BLOQUEUSES SUR DES PLATES-FORMES JAVA D'ENTREPRISE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELBY, Geir [NO/NO]; Skjellestadjordet 25, N-1389 Heggedal (NO).

(74) OSLO PATENTKONTOR AS; Postboks 7007M, N-0306 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 9/46

(11) WO 2004/107172 (13) A2

(21) PCT/NO2004/000143

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 20032419 27 May/mai 2003 NO (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NON BLOCKING PERSISTENT STATE MACHINES ON ENTERPRISE JAVA BEAN PLATFORM

• MACHINES A ETATS CONSTANTES ET SANS BLOCAGE D'UNE PLATE-FORME JAVA D'ENTREPRISE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELBY, Geir [NO/NO]; Skjellestadjordet 25, N-1389 Heggedal (NO).

(74) OSLO PATENTKONTOR AS; Postboks 7007M, N-0306 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 9/46

(11) WO 2004/107173 (13) A1

(21) PCT/US2003/036987

(22) 19 Nov/nov 2003 (19.11.2003)

(25) en (26) en

(30) 10/443,501 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HARDWARE TASK MANAGER FOR ADAPTIVE COMPUTING

• GESTIONNAIRE DE TACHE MATERIEL POUR INFORMATIQUE ADAPTATIVE

(71) QUICKSILVER TECHNOLOGY, INC. [US/US]; 6640 Via Del Oro, Suite 120, San Jose, CA 95119 (US).

(72) SCHEUERMANN, W., James; 21485 Saratoga Hills Road, Saratoga, CA 95070 (US).

(74) KULAS, Charles, J. et al. / etc.; Carpenter and Kulas, LLP., 1900 Embarcadero Road, Suite 109, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 11/00

(11) WO 2004/107174 (13) A1

(21) PCT/US2004/017199

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,756 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BACKUP CELL CONTROLLER

• CONTROLEUR CELLULAIRE DE SECOURS

(71) SYMBOL TECHNOLOGIES, INC. [US/US]; One Symbol Plaza, Holtsville, NY 11742 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLEIN, John [US/US]; 220 La Via Azul Court, Morgan Hill, CA 95037 (US).

(74) SCHEINFELD, Robert, C. et al. / etc.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 11/10

(11) WO 2004/107175 (13) A1

(21) PCT/US2004/014143

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/442,842 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MEMORY INTEGRATED CIRCUIT INCLUDING AN ERROR DETECTION MECHANISM FOR DETECTING ERRORS IN ADDRESS AND CONTROL SIGNALS

• CIRCUIT INTEGRE MEMOIRE COMPRENANT UN MECANISME DE DETECTION D'ERREUR DESTINE A DETECTER LES ERREURS DANS LES ADRESSES ET LES SIGNAUX DE COMMANDE

(71) SUN MICROSYSTEMS, INC. [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHULZ, Jurgen, M. [US/US]; 3439 Virgil Circle, Pleasanton, CA 94588 (US).
WU, Chung-Hsiao, R. [CN/US]; 639 Santa Barbara Terrace, Sunnyvale, CA 94085 (US).

(74) MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.; Kivlin, B. Noel, P.O. Box 398, Austin, TX 78767-0398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 11/30, 13/28, 13/36

(11) WO 2004/107176 (13) A1

(21) PCT/US2004/013369

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/448,031 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD AND APPARATUS FOR DE-
TERMINING ACCESS PERMISSION

- PROCEDE ET APPAREIL PERMET-
TANT DE DETERMINER UNE PER-
MISSION D'ACCES

- (71) FREESCALE SEMICONDUCTOR, INC.
[US/US]; 6501 William Cannon Drive West,
Austin, TX 78735 (US).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) MOYER, William, C [US/US]; 1005
Pier Branch Road, Dripping Springs, TX
78620 (US). MALIK, Afzal, M. [IN/US];
10050 Great Hills Trail, Apt. 517, Austin,
TX 78759 (US).

- (74) KING, Robert, L. et al. / etc.; Corpo-
rate Law Department, Intellectual Property
Section, 7700 West Parmer Lane, MD:
TX32/PL02, Austin, TX 78729 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 11/34

(11) WO 2004/107177 (13) A2

(21) PCT/US2004/014845

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/446,004 27 May/mai 2003 US
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHODS AND APPARATUS FOR
STRIDE PROFILING A SOFTWARE
APPLICATION

- PROCEDES ET APPAREIL POUR DE-
FINIR DES PROFILS DE CADENCE
POUR UNE APPLICATION LOGI-
CIELLE

- (71) INTEL CORPORATION (a Delaware
Corporation) [US/US]; 2200 Mission Col-
lege Boulevard, Santa Clara, CA 95052 (US).

- (72) LOWNEY, Geoff; 236 Indian Pipe Lane,
Concord, MA 01742 (US). LUK, Chi-Ke-
ung; 19 Sheridan Drive, #10, Shrewsbury,
MA 01545 (US).

- (74) FLIGHT, James; Grossman & Flight, LLC,
20 North Wacker Drive, Suite 4220, Chicago,
IL 60606 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 11/36

(11) WO 2004/107178 (13) A2

(21) PCT/CA2004/000781

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,234 30 May/mai 2003 US
(30.05.2003)

(30) 2,447,163 28 Oct/oct 2003 CA
(28.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • A VISUAL DEBUGGING INTERFACE
• INTERFACE DE DEBOGAGE VI-
SUELLE

- (71) MAZ LABORATORY [CA/CA]; 279 Sher-
brooke Street West, Suite 301, Montréal,
Québec H2X 1Y2 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) BROWN, Hans-Frederick [CA/CA];
5743 Jeanne-Mance Street, Montréal, Québec
H2V 4K7 (CA). DROUIN, Sylvio [CA/CA];
3550 Jeanne-Mance Street, Apt. E-2501,
Montréal, Québec H2X 3P7 (CA). BRAËN,
Bruno [CA/CA]; 6116 Durocher, Apt. 8,
Montréal, Québec H2V 3Y6 (CA).

- (74) OGILVY RENAULT; Suite 1600, 1981
McGill College Avenue, Montreal, Québec
H3A 2Y3 (CA).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 12/00, 13/00

(11) WO 2004/107179 (13) A1

(21) PCT/JP2004/007427

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-152944 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • INFORMATION PROCESSING AP-
PARATUS FOR ELECTRONIC DOCU-
MENTS, INFORMATION PROCESSING
METHOD, INFORMATION PROCESS-
ING PROGRAM, AND COMPUTER
READABLE RECORDING MEDIUM IN
WHICH INFORMATION PROCESSING
PROGRAM HAS BEEN RECORDED

- DISPOSITIF DE TRAITEMENT DE
L'INFORMATION POUR DOCUMENTS
ÉLECTRONIQUES, PROCEDE DE
TRAITEMENT DE L'INFORMATION,
PROGRAMME DE TRAITEMENT
DE L'INFORMATION ET SUPPORT
D'ENREGISTREMENT LISIBLE PAR
ORDINATEUR SUR LEQUEL LE PRO-
GRAMME DE TRAITEMENT DE
L'INFORMATION EST ENREGISTRE

- (71) SHARP KABUSHIKI KAISHA [JP/JP];
22-22, Nagaike-cho, Abeno-ku, Osaka-shi,
Osaka 5458522 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SAWADA, Yuji [JP/JP]; A-208,
Kidera Haimu, 3-316-1, Minamikidera-cho,
Nara-shi, Nara 6308303 (JP). IWASAKI,
Keisuke [JP/JP]; 6-9-15, Tatsutanishi,
Ikaruga-cho, Ikoma-gun, Nara 6360154
(JP).

- (74) FUKAMI, Hisao et al. / etc.; Fukami
Patent Office, Mitsui Sumitomo Bank Mi-
namimorimachi Bldg., 1-29, Minamimori-
machi 2-chome, Kita-ku, Osaka-shi, Osaka
530-0054 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 12/08, 15/16, 15/177

(11) WO 2004/107180 (13) A1

(21) PCT/JP2003/006868

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MULTI-PROCESSOR SYSTEM
• SYSTEME A PLUSIEURS PROCESSEURS

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMADA, Takeshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAKAGAKI, Tatsuru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KOBAYASHI, Akihiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) JP KR US.

(51)⁷ G06F 12/14

(11) WO 2004/107181 (13) A1

(21) PCT/IB2003/002359

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • ACCESS PROTECTED BUS SYSTEM
• SYSTEME DE BUS A ACCES PROTEGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) PONTIUS, Timothy, A.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JENSEN, Rune, H.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). RABELER, Thorwald; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for the following designation / pour la désignation suivante : CN

(51)⁷ G06F 12/14, 12/16

(11) WO 2004/107182 (13) A1

(21) PCT/JP2003/006746

(22) 29 May/mai 2003 (29.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • DATA RESTORING METHOD, DATA RESTORING SYSTEM, INFORMATION PROCESSING DEVICE, DATA RESTORING PROGRAM, AND COMPUTER-READABLE RECORD MEDIUM ON WHICH THE PROGRAM IS RECORDED

• PROCEDE DE RESTAURATION DE DONNEES, SYSTEME DE RESTAURATION DE DONNEES, DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROGRAMME DE RESTAURATION DE DONNEES, ET SUPPORT D'ENREGISTREMENT EXPLOITABLE PAR ORDINATEUR POUR L'ENREGISTREMENT DUDIT PROGRAMME

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AIHARA, Kurato [JP/JP]; c/o FUJITSU PERSONAL COMPUTER SYSTEMS LIMITED, 1405, Oaza Oomaru, Inagi-shi, Tokyo 206-0801 (JP). ONO, Hidehiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). WATARI, Masakazu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 13/00

(11) WO 2004/107183 (13) A2

(21) PCT/US2004/013601

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 60/474,043 29 May/mai 2003 US (29.05.2003)

(30) 10/775,614 10 Feb/fév 2004 US (10.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • DOUBLE BUFFERING OF SERIAL TRANSFERS

• DOUBLE TAMPONNAGE DE TRANSFERTS SERIELS

(71) ELANTEC SEMICONDUCTOR, INC. [US/US]; 675 Trade Zone Boulevard, Milpitas, CA 95035 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, D., Stuart [GB/US]; 5150 Felter Road, San Jose, CA 95132 (US). REES, Theodore, D. [US/US]; 2296 Sun Mor Avenue, Mountain View, CA 94040 (US). PEREZ, Miguel, Gabino [US/US]; 13126 Diericx Drive, Mountain View, CA 94040 (US).

(74) KURIN, Jeffrey, R. et al. / etc.; Four Embarcadero Center, Fourth Floor, San Francisco, CA 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 13/00

(11) WO 2004/107184 (13) A2

(21) PCT/US2004/014807

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/446,986 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • A METHOD AND APPARATUS TO IMPROVE MULTI-CPU SYSTEM PERFORMANCE FOR ACCESSES TO MEMORY

• PROCEDE ET APPAREIL POUR AMELIORER L'EFFICACITE DE SYSTEMES A PLUSIEURS UNITES CENTRALES EN MATIERE D'ACCES A LA MEMOIRE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) DODD, James; 4561 Barnett Ranch Road, Shingle Springs, CA 95682 (US). MILSTREY, Robert; 8444 Mansfield Drive, Citrus Heights, CA 95610 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400

- Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 13/00, H04B 7/185
- (11) WO 2004/107185 (13) A1
- (21) PCT/US2004/015154
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/473,744 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SATELLITE COMMUNICATIONS SYSTEM FOR PROVIDING GLOBAL, HIGH QUALITY MOVEMENT OF VERY LARGE DATA FILES
- SYSTEME DE COMMUNICATIONS PAR SATELLITE PERMETTANT UN TRANSFERT MONDIAL DE HAUTE QUALITE DE TRES GROS FICHIERS DE DONNEES
- (71) MACDONALD, DETTWILER AND ASSOCIATES LTD. [CA/CA]; 13800 Commerce Parkway, Richmond, British Columbia V6V 2J3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIFFIN, Gregory [CA/CA]; Apt. 304, 2277 West 2nd, Vancouver, British Columbia V6K 1H8 (CA). DUFFIELD, Logan [CA/CA]; 2260 Armercescent West, Halifax, Nova Scotia B3L 3E3 (CA). BRAVMAN, Joseph [US/US]; 7105 Loch Edin Court, Potomac, MD 20854 (US). WLODYKA, Mark [CA/CA]; 2496 Leduc Avenue, Coquitlam, British Columbia V3K 5X5 (CA). MAGNUSSEN, Kjell [CA/CA]; 6720 Goldsmith Drive, Richmond, British Columbia V7E 4G5 (CA).
- (74) DALEY-WATSON, Christopher, J. et al. / etc.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 13/16, 12/10
- (11) WO 2004/107187 (13) A1
- (21) PCT/US2004/015831
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 10/446,333 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MEMORY CONTROLLER DYNAMICALLY ARBITRATING PAGE PACKETS
- CONTROLEUR DE MEMOIRE POUR ARBITRAGE DYNAMIQUE CONCERNANT DES PAQUETS DE PAGES
- (63) US 10/446,333 (CON) 27 May/mai 2003 (27.05.2003)
- (71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, New Jersey 07656 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHANMUGASUNDARAM, Venkatachalam [IN/US]; 610 Park View Drive, #102, Santa Clara, California 95054 (US). PALUCH, Edward [US/US]; 3660 Vireo Avenue, Santa Clara, California 95051 (US). GADRE, Shirish [US/US]; 25 Rio Robles, #215, San Jose, California 95134 (US). KAO, Jean [US/US]; 21876 Meadowview Lane, Cupertino, California 95134 (US).
- (74) GALLENSON, Mavis, S. et al. / etc.; 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 13/38, 13/28
- (11) WO 2004/107188 (13) A1
- (21) PCT/JP2003/006744
- (22) 29 May/mai 2003 (29.05.2003)
- (25) ja (26) ja
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DATA PROCESSOR AND DATA COMMUNICATION METHOD
- PROCESSEUR DE DONNEES ET PROCEDE DE COMMUNICATION DE DONNEES
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGIMOTO, Takashi [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP).
- (74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
- (81) JP US.
-
- (51)⁷ G06F 13/38
- (11) WO 2004/107189 (13) A2
- (21) PCT/US2003/037228
- (22) 19 Nov/nov 2003 (19.11.2003)
- (25) en (26) en
- (30) 10/443,554 21 May/mai 2003 US (21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • UNIFORM INTERFACE FOR A FUNCTIONAL NODE IN AN ADAPTIVE COMPUTING ENGINE
- INTERFACE UNIFORME POUR NOEUD FONCTIONNEL DANS UN DISPOSITIF DE CALCUL ADAPTATIF
- (71) QUICKSILVER TECHNOLOGY, INC. [US/US]; 6640 Via Del Oro, Suite 120, San Jose, CA 95119 (US).

(72) SCHEUERMANN, James, W.; 21485 Saratoga Hills Road, Saratoga, CA 95070 (US).

(74) KULAS, Charles, J. et al. / etc.; Carpenter and Kulas, LLP, 1900 Embarcadero Road, Suite 109, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 13/40

(11) WO 2004/107190 (13) A1

(21) PCT/IB2004/050718

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101537.3 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPERATING LONG ON-CHIP BUSES
• EXPLOITATION DE LONGS CONDUCTEURS SUR PUCE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATOCH, Atul [IN/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
GARG, Manish [IN/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
SEEVINCK, Evert [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VEENDRICK, Hendricus, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 13/40

(11) WO 2004/107191 (13) A2

(21) PCT/US2004/016485

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 10/447,658 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONNECTING PCI BUSES
• CONNEXION DE BUS PCI

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OLIVER, Brett, Douglas [US/US]; 1522 S. Sheridan Forest Drive, Tampa, FL 33629 (US).
BROWN, Thomas, Edward [US/US]; 6877 Circle Creek Drive, Pinellas Park, FL 33781 (US).
RAMOS, Jeremy [US/US]; 9401 Edenton Way, Tampa, FL 33626 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00

(11) WO 2004/107192 (13) A2

(21) PCT/GB2004/002304

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 0312630.7 2 Jun/juin 2003 GB (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A HAND HELD DISPLAY DEVICE AND METHOD

• PROCEDE ET DISPOSITIF D'AFFICHAGE TENANT DANS LA MAIN

(71, 72) LEE, Yisia, Young, Suk [KR/GB]; 27 Sandilands Road, London SW6 2BD (GB).

(74) COLLINS, John, David; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00, H04L 9/32

(11) WO 2004/107193 (13) A1

(21) PCT/JP2004/002385

(22) 27 Feb/fév 2004 (27.02.2004)

(25) ja (26) ja

(30) 2003-155703 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AUTHENTICATION SYSTEM
• SYSTEME D'APPAREIL D'AUTHENTIFICATION

(71) KDDI CORPORATION [JP/JP]; 3-2, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-8003 (JP).
ASIA PACIFIC SYSTEM RESEARCH CO., LTD. [JP/JP]; 1-4-25, Mejiro, Toshima-ku, Tokyo 171-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARAKI, Kenkichi [JP/JP]; c/o DDI Pocket, Inc., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8477 (JP).
SATO, Hideyuki [JP/JP]; c/o Asia Pacific System Research Co., Ltd., 1-4-25, Mejiro, Toshima-ku, Tokyo 171-0031 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00, 13/00, H04B 7/26

(11) WO 2004/107194 (13) A1

(21) PCT/JP2004/005584

(22) 19 Apr/avr 2004 (19.04.2004)

- (25) ja (26) ja
- (30) 2003-150545 **28 May/mai 2003** JP
(**28.05.2003**)
- (30) 2003-190785 **3 Jul/juil 2003** JP
(**03.07.2003**)
- (30) 2003-430127 **25 Dec/déc 2003** JP
(**25.12.2003**)
- (30) 2004-071416 **12 Mar/mar 2004** JP
(**12.03.2004**)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SERVICE UTILIZATION TERMINAL FOR PROVIDING USERS WITH FUNCTIONS PROVIDED ON NETWORK
• TERMINAL D'UTILISATION DE SERVICES DESTINE A FOURNIR A L'UTILISATEUR DES FONCTIONS PREVUES SUR UN RESEAU
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRATA, Masafumi [JP/JP]; 269, Akebonoryo, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 6340004 (JP). MATSUYAMA, Tetsuya [JP/JP]; 7-6, Shironodai-cho, Yamatokoriyama-shi, Nara 6391008 (JP). KUMATANI, Keiji [JP/JP]; 19-2, Miyukidai, Hashimoto-shi, Wakayama 6480088 (JP). OTOKAWA, Hideyuki [JP/JP]; 572, Sanate, Oyodo-cho, Yoshino-gun, Nara 6380831 (JP). NITTA, Soichi [JP/JP]; 47-1-810, Jobonji-cho, Kashihara-shi, Nara 6340803 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 15/00
- (11) WO 2004/107195 (13) A1
- (21) PCT/US2003/015692
- (22) 16 May/mai 2003 (16.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DECLARATIVE MECHANISM FOR DEFINING A HIERARCHY OF OBJECTS
• MECANISME DE DECLARATION PERMETTANT LA DEFINITION D'UNE HIERARCHIE D'OBJETS
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) RELYEA, Robert, A.; 4618 142nd Place SE, Bellevue, WA 98006 (US). GRAMBIHLER, Roger; 14046 220th Ave. NE, Woodinville, WA 98072 (US). BOGDAN, Jeff; 6308 E. Lake Sammamish Parkway NE, #212, Redmond, WA 98052 (US). KING, Joseph; 4117 Whitman Ave. N, Seattle, WA 98103 (US). WILSON, Chris; 8918 Ravenna Avenue NE, Seattle, WA 98115 (US).
- (74) WINGATE, Kevin, L.; Leydig, Voit & Mayer, Ltd., 6815 Weaver Road, Suite 300, Rockford, IL 61114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 15/16, 15/173, 11/20
- (11) WO 2004/107196 (13) A1
- (21) PCT/FI2004/000314
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 20030796 **27 May/mai 2003** FI
(**27.05.2003**)
- (30) 10/630,972 **31 Jul/juil 2003** US
(**31.07.2003**)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DATA COLLECTION IN A COMPUTER CLUSTER
• COLLECTE DE DONNEES DANS UN GROUPE D'ORDINATEURS
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAINIO, Jukka, A. [FI/FI]; Tyllintie 13, FI-21420 Lieto (FI). JALONEN, Teemu, V. [FI/FI]; Uvilantie 19 C A 14, FI-00350 Helsinki (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23, PO Box 148, FI-00121 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ G06F 15/16
- (11) WO 2004/107197 (13) A1
- (21) PCT/US2003/012272
- (22) 19 May/mai 2003 (19.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WEB SERVICES BROKER
• COURTAGES DE SERVICES WEB
- (71) COMPUTER ASSOCIATES THINK, INC. [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).
- (72) SEDUKHIN, Igor; Computer Associates Think, Inc., One Computer Associates Plaza, Islandia, NY 11749 (US).
- (74) JAWORSKI, Richard, F.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 15/16, H04N 7/10, 7/025
- (11) WO 2004/107198 (13) A1
- (21) PCT/US2003/015707
- (22) 17 May/mai 2003 (17.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MECHANISM FOR APPLYING TRANSFORMS TO MULTI-PART FILES
• MECANISME D'APPLICATION DE TRANSFORMEES A DES DOSSIERS EN PLUSIEURS PARTIES
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) HILLBERG, Michael, J.; 11911 NE 67th Place, Kirkland, WA 98033 (US). CHENG, Roger; 15538 135th Place NE, Woodinville, WA 98072 (US). ORNSTEIN, David, B.;

- 8106 21st Avenue NE, Seattle, WA 98115 (US). CAHILL, Jason, M.; 28807 NE 10th Street, Carnation, WA 98014 (US).
- (74) DAIGNAULT, Ronald, A.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (n)
- Declaration / Déclaration :
(v) for all designations / pour toutes les désignations
-
- (51)⁷ G06F 15/16, H04M 11/00
- (11) WO 2004/107199 (13) A1
- (21) PCT/US2004/015468
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 10/443,222 22 May/mai 2003 (22.05.2003) US
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WIRELESS E-MAIL BASED ON USER VIEWING INTEREST
- COURRIER ELECTRONIQUE SANS FIL BASE SUR L'INTERET DE VISUALISATION D'UN UTILISATEUR
- (71) MOTOROLA, INC., a corporation of the State of Delaware [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KREITZER, Stuart, Sherman [US/US]; 5205 Kensington Circle, Coral Springs, Florida 33076 (US).
- (74) BROWN, Larry, G et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Plantation, Florida 33322 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 15/163
- (11) WO 2004/107200 (13) A1
- (21) PCT/US2003/015708
- (22) 17 May/mai 2003 (17.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM AND METHOD FOR CONTROLLING USER INTERFACE PROPERTIES WITH DATA
- SYSTEME ET PROCEDE DE COMMANDE AU MOYEN DE DONNEES DES PROPRIETES D'UNE INTERFACE UTILISATEUR
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) BENT, Samuel, W.; 2015 137th Place SE, Bellevue, WA 98005 (US). GUPTA, Namita; 12228 NE 112th Place #A4, Kirkland, WA 98033 (US). JENNI, David, J.; 4504 194th Way NE, Sammamish, WA 98074 (US). HOPMANN, Alexander, I.; 1635 35th Avenue, Seattle, WA 98122 (US).
- (74) DAIGNAULT, Ronald, A.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (n)
- Declaration / Déclaration :
(v) for all designations / pour toutes les désignations
-
- (51)⁷ G06F 15/80
- (11) WO 2004/107201 (13) A2
- (21) PCT/US2003/037225
- (22) 19 Nov/nov 2003 (19.11.2003)
- (25) en (26) en
- (30) 10/443,596 21 May/mai 2003 (21.05.2003) US
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PROCESSING ARCHITECTURE FOR A RECONFIGURABLE ARITHMETIC NODE IN AN ADAPTIVE COMPUTING SYSTEM
- ARCHITECTURE DE TRAITEMENT POUR UN NOEUD ARITHMETIQUE RECONFIGURABLE DANS UN SYSTEME INFORMATIQUE ADAPTATIF
- (71) QUICKSILVER TECHNOLOGY, INC. [US/US]; 6640 Via Del Oro, Suite 120, San Jose, CA 95119 (US).
- (72) SCHEUERMANN, W., James; 21485 Saratoga Hills Road, Saratoga, CA 95070 (US).
- (74) KULAS, Charles, J. et al. / etc.; Carpenter and Kulas, LLP, 1900 Embarcadero Road, Suite 109, Palo Alto, CA 94303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 17/27, 17/28
- (11) WO 2004/107202 (13) A1
- (21) PCT/EP2003/005627
- (22) 28 May/mai 2003 (28.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AUTOMATIC SEGMENTATION OF TEXTS COMPRISING CHUNSKS WITHOUT SEPARATORS
- SEGMENTATION AUTOMATIQUE DE TEXTES COMPRENANT DES UNITES SANS SEPARATIONS
- (71) LOQUENDO S.P.A. [IT/IT]; Via Nole, 55, I-10149 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BADINO, Leonardo [IT/IT]; Loquendo S.p.a., Via Nole, 55, I-10149 Torino (IT).
- (74) GIANNESI, Pier, Giovanni et al. / etc.; Pirelli S.p.a., Viale Sarca, 222, I-20126 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ

MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ G06F 17/28

(11) WO 2004/107203 (13) A1

(21) PCT/JP2003/006869

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRANSLATED SENTENCE CORRELATION DEVICE

- DISPOSITIF DE CORRELATION DE PHRASES TRADUITES

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMASHITA, Tatsuo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). USHIODA, Akira [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUJII, Masaru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OKURA, Seiji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) OUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) JP US.

(51)⁷ G06F 17/30

(11) WO 2004/107204 (13) A2

(21) PCT/EP2004/005669

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03012031.5 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DATA PROCESSING METHOD AND SYSTEM FOR COMBINING OF DATA-BASE TABLES

- PROCEDE DE TRAITEMENT DE DONNEES ET SYSTEME DE COMBINAISON DE TABLES DE BASES DE DONNEES

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Walldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMITT, Winfried [DE/DE]; Ziegelstrasse 34, 69190 Walldorf (DE). HOFMANN, Helmut [DE/DE]; Elsa-Brandströmstrasse 7, 69207 Sandhausen (DE). BALZAR, Andreas [DE/DE]; Blumenstrasse 16-1, 69115 Heidelberg (DE).

(74) RICHARDT, Markus et al. / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/107205 (13) A1

(21) PCT/EP2004/005670

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03012034.9 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DATA PROCESSING SYSTEM AND METHOD FOR APPLICATION PROGRAMS IN A DATA WAREHOUSE

- SYSTEME ET PROCEDE DE TRAITEMENT DE DONNEES PERMETTANT D'APPLIQUER DES PROGRAMMES DANS UN ENTREPOT DE DONNEES

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstr. 16, 69190 Walldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMITT, Winfried [DE/DE]; Ziegelstrasse 34, 69190 Walldorf (DE).

(74) RICHARDT, Markus et al. / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/107206 (13) A1

(21) PCT/EP2004/005672

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03012032.3 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A DATA PROCESSING METHOD AND SYSTEM

- PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMITT, Winfried [DE/DE]; Ziegelstrasse 34, 69190 Walldorf (DE). HELMUT, Hofmann [DE/DE]; Elsa-Brandströmstr. 7, 69207 Sandhausen (DE). BALZAR, Andreas [DE/DE]; Blumenstrasse 16-1, 69115 Heidelberg (DE).

(74) RICHARDT, Markus et al. / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, H04L 29/12

(11) WO 2004/107207 (13) A1

(21) PCT/FI2004/000315

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 20030797 27 May/mai 2003 FI (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ENHANCEMENT OF DATABASE PERFORMANCE IN A DOMAIN NAME SYSTEM

- AMELIORATION DE LA PERFORMANCE D'UNE BASE DE DONNEES DANS UN SYSTEME DE NOM DE DOMAINE

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LILLQVIST, Roy [FI/FI]; Vellikellontie 5 B 21, FI-00410 Helsinki (FI). USKI, Juha [FI/FI]; Teeritie 22 B 1, FI-01450 Vantaa (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, PO Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 17/30

(11) WO 2004/107208 (13) A1

(21) PCT/IB2004/001826

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/474,828 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEARCH AND STORAGE OF MEDIA FINGERPRINTS

• RECHERCHE ET STOCKAGE DE CONDENSES NUMERIQUES DE MILIEUX D'ENREGISTREMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EPSTEIN, Michael A. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). KRASINSKI, Raymond J. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o GATHMAN, Laurie, P.O.Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 17/30

(11) WO 2004/107209 (13) A2

(21) PCT/IB2004/050807

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2003/4244 30 May/mai 2003 ZA (30.05.2003)

(30) 2003/5147 2 Jul/juil 2003 ZA (02.07.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR STORING AND RETRIEVING INFORMATION

• SYSTEME ET PROCEDE POUR STOCKER ET RECHERCHER DES INFORMATIONS

(71) ATH TECHNOLOGY (PTY) LIMITED [ZA/ZA]; No. 5 Beaufort Road, Bryanston, 2060 Johannesburg (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RADOWSKY, Julian, Bernard [ZA/ZA]; 51 Skyliner Avenue, Tygerhof, 7441 Milnerton (ZA).

(74) D M KISCH INC; P.O. Box 781218, 2146 SANDTON (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, G06T 11/20

(11) WO 2004/107210 (13) A1

(21) PCT/JP2003/006676

(22) 28 May/mai 2003 (28.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PATHWAY INFORMATION DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE D'INFORMATIONS DE VOIE

(71) CELESTAR LEXICO-SCIENCES, INC. [JP/JP]; Makuhari Techno Garden D17, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NITTA, Kiyoshi [JP/JP]; c/o Celestar Lexico-Sciences, Inc., Makuhari Techno

Garden D17, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP). SUZUKI, Ichiro [JP/JP]; c/o Celestar Lexico-Sciences, Inc., Makuhari Techno Garden D17, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP).

(74) SAKAI, Hiroaki et al. / etc.; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 17/30, 17/21, 17/28

(11) WO 2004/107211 (13) A1

(21) PCT/JP2004/006573

(22) 10 May/mai 2004 (10.05.2004)

(25) ja (26) ja

(30) 2003-151082 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRONIC DICTIONARY

• DICTIONNAIRE ELECTRONIQUE

(71) SEIKO INSTRUMENTS INC. [JP/JP]; 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618507 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIGAME, Shinobu [JP/JP]; c/o SEIKO INSTRUMENTS INC., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618507 (JP).

(74) MATSUSHITA, Yoshiharu; AIOS Hiroo Building 807, 11-2, Hiroo 1-chome Shibuya-ku, Tokyo 1500012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, 17/21, 3/00, 13/00

(11) WO 2004/107212 (13) A1

(21) PCT/JP2004/007307

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-149958 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WEB-COMPATIBLE ELECTRONIC DEVICE, WEB PAGE PROCESSING METHOD, AND PROGRAM

• DISPOSITIF ELECTRONIQUE COMPATIBLE INTERNET, PROCEDE DE TRAITEMENT D'UNE PAGE WEB, ET PROGRAMME

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome,, Shinagawa-ku,, Tokyo1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAMURA, Masayuki** [JP/JP]YU-TANI, Tetsuo [JP/JP]NAGATOMO, Kazutoshi [JP/JP]YAMANAKA, Shintaro [JP/JP]

(74) **NAKAMURA, Tomoyuki**; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/107213 (13) A1

(21) PCT/KR2004/001291

(22) 31 May/mai 2004 (31.05.2004)

(25) ko (26) en

(30) 10-2003-0035044 31 May/mai 2003 KR (31.05.2003)

(30) 10-2004-0038426 28 May/mai 2004 KR (28.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD OF MANAGING WEBSITES REGISTERED IN SEARCH ENGINE AND A SYSTEM THEREOF

• PROCEDE DE GESTION DE SITES WEB ENREGISTRES DANS UN MO-TEUR DE RECHERCHE ET SYSTEME ASSOCIE

(71) **NHN CORPORATION** [KR/KR]; 34th Fl. Startower Building, 737 Yoksam-dong, Kangnam-gu, Seoul 135-984 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Young Kwan** [KR/KR]; #302, Woosung Villa, Kwanyang-2-dong 1474-16, Anyang-si, Kyunggi-do 431-062 (KR). **BAE, Sang Yong** [KR/KR]; No. 103-1202, Chowonsungwon Apartment, Pyeongchon-dong, Dongan-gu, Anyang-si, Kyunggi-do 431-070 (KR).

(74) **CHUN, Sung Jin**; Muhann Patent & Law Firm, 5th Fl., Youngpoong Building, 142 Nonhyun-dong, Kangnam-gu, Seoul 135-749 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/107214 (13) A1

(21) PCT/US2003/015705

(22) 17 May/mai 2003 (17.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR PROVIDING MULTIPLE RENDITIONS OF DOCUMENT CONTENT

• SYSTEMES ET PROCEDE PERMETTANT D'OBTENIR DIFFERENTS RENDUS D'UN DOCUMENT

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) **ORNSTEIN, David, B.**; 8106 21st Avenue NE, Seattle, WA 98115 (US). **SENDER, Ilan**; 15524 NE 17th #0417, Bellevue, WA 98007 (US). **KING, Joseph**; 4117 Whitman Ave N., Seattle, WA 98103 (US). **KIM, Young, Gah**; 20812 37th Ave SE, Bothell, WA 98021 (US). **CAHILL, Jason, M.**; 28807 NE 10th Street, Carnation, WA 98014 (US). **BRINTZENHOF, Keith, S.**; 4250 W. Lake Sammamish Parkway NE #H2050, Redmond, WA 98052 (US).

(74) **DAIGNAULT, Ronald, A.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (n)

Declaration / Déclaration :

(v) for all designations / pour toutes les désignations

(51)⁷ G06F 17/30

(11) WO 2004/107215 (13) A1

(21) PCT/US2004/010616

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/445,793 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • UNDROP OBJECTS AND DEPENDENT OBJECTS IN A DATABASE SYSTEM

• RECUPERATION D'OBJETS ET D'OBJETS DEPENDANTS DANS UN SYSTEME DE BASE DE DONNEES

(71) **ORACLE INTERNATIONAL CORPORATION** [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARWAH, Vineet** [IN/US]; 356 Meridian Drive, Redwood Shore, CA 94064 (US).

(74) **RITTER, Michael, J.**; Ritter Lang & Kaplan LLP, 12930 Saratoga Avenue, Suite D1, Saratoga, CA 95070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/30

(11) WO 2004/107216 (13) A2

(21) PCT/US2004/016174

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,323 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A PUBLISH/SUBSCRIBE MECHANISM FOR WEB SERVICES

• SYSTEME DE PUBLICATION/ABONNEMENT POUR SERVICES WEB

(71) **COMPUTER ASSOCIATES THINK, INC.** [US/US]; One Corporate AssociateS Plaza, Islandia, NY 11749 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **TCHEREVIK, Dmitri**; 22 Maple Road, Setauket, NY 11733 (US).

(74) **JAWORSKI, Richard, F. et al. / etc.;** Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/107217 (13) A1

(21) PCT/US2004/016322

- (22) 25 May/mai 2004 (25.05.2004)
 (25) en (26) en
 (30) 10/448,168 28 May/mai 2003 US (28.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • SYSTEM, APPARATUS, AND METHOD FOR USER TUNABLE AND SELECTABLE SEARCHING OF A DATABASE USING A WEIGHTED QUANTIZED FEATURE VECTOR
 • SYSTEME, APPAREIL ET PROCEDE DESTINES A UNE RECHERCHE DANS UNE BASE DE DONNEES A L'AIDE D'UN VECTEUR DE CARACTERISTIQUE MESUREE PONDERE, RECHERCHE SELECTIONNABLE ET ACCORDABLE PAR L'UTILISATEUR
 (63) US 10/448,168 (CIP) 28 May/mai 2003 (28.05.2003)
 (71) ROW2 TECHNOLOGIES, INC. [US/US]; 200 Lanidex Plaza, Parsippany, NJ 07054 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) GANGE, David, M. [US/US]; 16 Elm Ridge Road, Pennington, NJ 08534 (US). FRAMROZE, Bomi, Patel [US/IN]; c/o Row2 Technologies, INC., 200 Lanidex Plaza, Parsippany, NJ 07054 (US).
 (74) STANLEY, H., Kremen; 4 Lenape Lane, East Brunswick, NJ 08816 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ G06F 17/30
 (11) WO 2004/107219 (13) A1
 (21) PCT/US2004/016816
 (22) 28 May/mai 2004 (28.05.2004)
 (25) en (26) en
 (30) 60/474,122 29 May/mai 2003 US (29.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • CURRENT MAILING ADDRESS IDENTIFICATION AND VERIFICATION
 • IDENTIFICATION ET VERIFICATION DE L'ADRESSE POSTALE ACTUELLE
 (71) LOCATEPLUS HOLDINGS CORPORATION [US/US]; 100 Cummings Center, Suite 235M, Beverly, MA 01915 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SILVA, Steven, W. [US/US]; 73 Overlook Road, Marblehead, MA 01495 (US). LATORELLA, Jon [US/US]; 104 King George Road, Boxford, MA 01921 (US).
 (74) MALONEY, Neil, F. et al. / etc.; P.O. Box 3445, Nashua, NH 03061-3445 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Declaration / Déclaration :
(u) for / pour US only / seulement
 (51)⁷ G06F 17/30
 (11) WO 2004/107218 (13) A1
 (21) PCT/US2004/016778
 (22) 27 May/mai 2004 (27.05.2004)
 (25) en (26) en
 (30) 60/473,217 27 May/mai 2003 US (27.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • A SYSTEM, METHOD IDENTIFICATION OR RECOVERY OF MISSING PERSON
 • SYSTEME ET PROCEDE PERMETTANT D'IDENTIFIER OU DE RETROUVER UNE PERSONNE DISPARUE
 (71, 72) MELTZER, Andrew, Mitchell [US/US]; 900 Briggs Road, Suite 445, Mount Laurel, NJ 08054 (US).
 (74) BELLES, Brian, L.; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ G06F 17/30
 (11) WO 2004/107220 (13) A1
 (21) PCT/US2004/017185
 (22) 27 May/mai 2004 (27.05.2004)
 (25) en (26) en
 (30) 10/445,788 27 May/mai 2003 US (27.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • METHOD AND APPARATUS FOR OBTAINING AND STORING MEDICAL HISTORY RECORDS
 • PROCEDE ET APPAREIL D'OBTENTION ET DE STOCKAGE DE FICHIERS D'ANTECEDENTS MEDICAUX
 (71, 72) BYERS, Frank, Hugh [US/US]; 2411 Bugle Lane, Reston, VA 20191 (US).
 (74) MIRABITO, Jason, A.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, PC, One Financial Center, Boston, MA 02111 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ G06F 17/50
 (11) WO 2004/107221 (13) A1
 (21) PCT/JP2003/006747
 (22) 29 May/mai 2003 (29.05.2003)
 (25) ja (26) ja
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • GRID DIVISION METHOD, GRID DIVISION DEVICE, GRID DIVISION PROGRAM, COMPUTER-READABLE RECORD MEDIUM WHERE THE PROGRAM IS RECORDED, DATA CONVERSION PROGRAM, AND COMPUTER-READABLE RECORD MEDIUM WHERE THE PROGRAM IS RECORDED
 • PROCEDE, DISPOSITIF ET PROGRAMME DE DIVISION EN GRILLE, SUPPORT D'ENREGISTREMENT EXPLOITABLE PAR ORDINATEUR SUR LEQUEL LEDIT PROGRAMME EST ENREGISTRE, PROGRAMME DE CONVERSION DE DONNEES, ET SUPPORT D'ENREGISTREMENT EXPLOITABLE PAR ORDINATEUR SUR LEQUEL LEDIT PROGRAMME EST ENREGISTRE
 (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SAKAIRI, Makoto [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAKADATE, Mami [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) JP US.

(51)⁷ G06F 17/60

(11) WO 2004/107222 (13) A1

(21) PCT/US2004/011598

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/447,838 22 May/mai 2003 US (22.05.2003)

(30) 10/447,918 22 May/mai 2003 US (22.05.2003)

(30) 10/447,836 22 May/mai 2003 US (22.05.2003)

(30) 10/447,919 22 May/mai 2003 US (22.05.2003)

(30) 10/447,916 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF EVALUATING THE PERFORMANCE OF A PRODUCT USING A VIRTUAL ENVIRONMENT

• PROCEDE UTILISANT UN ENVIRONNEMENT VIRTUEL POUR EVALUER LA PERFORMANCE D'UN PRODUIT

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PIEPER, Christopher, M. [US/US]; W7296 Wege Road, Hortonville, WI 54944 (US). WOLTMAN, Garry, Roland [US/US]; W6713 Greenridge Drive, Greenville, WI 54942 (US). STA-

BELFELDT, Sara, Jane, Wille [US/US]; 4401 N. Stonebridge Court, Appleton, WI 54913 (US). HUANG, Yung, Hsiang [US/US]; 2420 W. Seneca Drive, Appleton, WI 54914 (US). KATHUMBI-JACKSON, Deanna, R. [US/US]; 7500 Roswell Road, Unit 15, Atlanta, GA 30350 (US). KERINS, John, E. [US/US]; 529 Riford Road, Neenah, WI 54956 (US). THOMAS, Oomman, P. [US/US]; 280 Relais Trace, Alpharetta, GA 30004 (US). CARR, Jan, E. [US/US]; P.O. Box 44051, Denver, CO 80201 (US).

(74) AGOVINO, Frank, R. et al. / etc.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(74) AGOVINO, Frank, R. et al. / etc.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/60

(11) WO 2004/107223 (13) A1

(21) PCT/AU2004/000691

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 2003902646 29 May/mai 2003 AU (29.05.2003)

(30) 2003100400 29 May/mai 2003 AU (29.05.2003)

(30) 2004902165 25 Apr/avr 2004 AU (25.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR TRANSACTING LEGAL DOCUMENTS

• PROCEDE ET APPAREIL POUR LA TRANSACTION DE DOCUMENTS JURIDIQUES

(71) ONLINE 32S PTY LTD [AU/AU]; 133 Martin Street, Brighton, VIC 3186 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRETT, Hayton [AU/AU]; 21a Walstab Street, East Brighton, VIC 3186 (AU).

(74) SMOORENBURG PATENT & TRADE MARK ATTORNEYS; PO Box 9, Kangaroo Ground, VIC 3097 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/107224 (13) A1

(21) PCT/AU2004/000732

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 2003902768 2 Jun/juin 2003 AU (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NETWORK BASED ADVERTISING SYSTEM AND METHOD

• SYSTEME ET PROCEDE PUBLICITAIRES BASES SUR RESEAU

(71) NETBREAK INTERNATIONAL PTY LIMITED [AU/AU]; 253/243 Pymont Street, Pymont, New South Wales 2009 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WERKHOVEN, Richard [AU/AU]; Netbreak International Pty Ltd, 253/243 Pymont Street, Pymont, New South Wales 2009 (AU).

(74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/107225 (13) A2

(21) PCT/EP2003/013439

(22) 28 Nov/nov 2003 (28.11.2003)

(25) de (26) de

(30) A 810/2003 26 May/mai 2003 AT (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR MANAGING PRODUCTS AND THE PARTS THEREOF AND ASSOCIATED DATA PROCESSING DEVICE

• SYSTEME DE GESTION DE PRODUITS ET PARTIES DE PRODUITS ET INSTALLATION DE TRAITEMENT DE DONNEES ASSOCIEE

(71) MOBILKOM AUSTRIA AKTIENGESELLSCHAFT & CO KG [AT/AT]; Obere Donaustrasse 29, A-1020 Wien (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLE, Volkmar [AT/AT]; Beckgasse 30, A-1130 Wien (AT).

(74) PUCHBERGER, Rolf et al. / etc.; Reichsratsstrasse 13, A-1010 Wien (AT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/107226 (13) A2

(21) PCT/EP2004/005660

(22) 26 May/mai 2004 (26.05.2004)

- (25) en (26) en
 (30) 10/445,297 27 May/mai 2003 US
 (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A METHOD OF DETERMINING A CAPITAL-AT-RISK FOR A CLEARING HOUSE
 • PROCEDE DE DETERMINATION D'UN CAPITAL A RISQUE POUR UNE CHAMBRE DE COMPENSATION
- (71) OM TECHNOLOGY AB [SE/SE]; Tullvaktsvägen 15, S-10578 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72) JANSSON, Bengt; Rörstrandsgatan 31, 2tr, S-11340 Stockholm (SE). RICKNELL, Erik; Floragatan 10, S-11431 Stockholm (SE).
- (74) SANDSTRÖM, Staffan; OM Technology AB, Tullvaktsvägen 15, S-10578 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 17/60
 (11) WO 2004/107228 (13) A2
 (21) PCT/GB2004/002297
 (22) 1 Jun/juin 2004 (01.06.2004)
 (25) en (26) en
 (30) 0312649.7 2 Jun/juin 2003 GB
 (02.06.2003)
 (30) 0400777.9 14 Jan/jan 2004 GB
 (14.01.2004)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • PLANNING TOOL
 • OUTIL DE PLANIFICATION
 (71) EGG INVESTMENTS LIMITED [GB/GB]; 1 Waterhouse Square, 138-142 Holborn, London EC1N 2NA (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) REYNOLDS, Damon [GB/GB]; 64 Tonsley Hill, London SW18 1BD (GB). SOUTAR, Liz [AU/GB]; 12 Howitt Road, London NW3 4LL (GB). JAMES, Simon [GB/GB]; 56 Church Road, Wanborough, Swindon, Wiltshire SN4 0BZ (GB). RICH, Nicholas [GB/GB]; Flat 1, 22 Cotham Road, Bristol BS6 6PD (GB). ROSSER, Kate [GB/GB]; 39 Bolton Gardens, London SW5 0AQ (GB). OLIVER, Alejandra [GB/GB]; 17 Beckwith Road, Herne Hill, London SE24 9LH (GB). KEEN, Dominic [GB/GB]; 19 Pembroke Square, London W8 6PA (GB). LEONARD, Nicholas [GB/GB]; 12 Bexton Road, Knutsford, Cheshire WA16 0DQ (GB). HURELL, Dan [GB/GB]; 36 Cavendish Gardens, Trouville Road, Clapham, London SW4 8QW (GB). FUSSELL, John [GB/GB]; 12 St. Anthony's Close, Wandsworth Common, London SW17 7UD (GB). FRENCH, Adam [GB/GB]; 11 Aspley Road, London SW18 2DB (GB). ORAM, Paul [GB/GB]; 4 Watcombe Cottages, Richmond, Surrey TW9 3BD (GB). OSBORN, Steve [GB/GB]; 2 Chantry Close, Windsor, Berkshire SL4 5EP (GB). MACLAREN, Andrew [GB/GB]; 11 Hertford Court, 45 Falcon Road, Battersea, London SW11 2PH (GB).
 (74) PALMER, Jonathan, Richard et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, LONDON WC1X 8BT (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ G06F 17/60
 (11) WO 2004/107229 (13) A2
 (21) PCT/GB2004/002369
 (22) 3 Jun/juin 2004 (03.06.2004)
 (25) en (26) en
 (30) 0312729.7 3 Jun/juin 2003 GB
 (03.06.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • A USER INPUT INTERPRETER AND A METHOD OF INTERPRETING USER INPUT
 • INTERPRETEUR D'ENTREE UTILISATEUR ET PROCEDE D'INTERPRETATION D'ENTREE UTILISATEUR
 (71) CANON KABUSHIKI KAISHA [JP/JP]; 30-2 3-Chome Shimomaruko, Ohta-Ku, Tokyo (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) STETINA, Jiri [CZ/GB]; Canon Research Centre Europe Ltd, The Braccans, London Road, Bracknell, Berkshire RG12 2XH (GB). SHAO, Yuan [CN/GB]; Canon Research Centre Europe Ltd, The Braccans, London Road, Bracknell, Berkshire RG12 2XH (GB).
 (74) BERESFORD, Keith, Dennis, Lewis et al. / etc.; Beresford & Co., 16 High Holborn, London WC1V 6BX (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 17/60
 (11) WO 2004/107230 (13) A1
 (21) PCT/IB2004/001797
 (22) 24 May/mai 2004 (24.05.2004)
 (25) en (26) en
 (30) 10/452,865 2 Jun/juin 2003 US
 (02.06.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • PROMPTED ELECTRONIC MOBILE-SERVICE INFORMATION COMMUNICATIONS WITH VALIDATION
 • COMMUNICATIONS ELECTRONIQUES INCITEES AVEC VALIDATION POUR LA FOURNITURE D'INFORMATIONS CONCERNANT UN SERVICE MOBILE
- Published / Publiée : (i)

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI).
(for all designated States except / pour tous les États désignés sauf US)

(71) **NOKIA, INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) **PERTTILA, Marko**; Sahasalmi 34, FIN-07930 Pernaja (FI). **VANSKA, Marko**; Nuolihaukantie 16 A, FIN-02620 Espoo (FI).

(74) **FUNK, Steven**; Crawford Maunu PLLC, 1270 Northland Drive, Suite 390, St. Paul, MN 55120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/60

(11) WO 2004/107231 (13) A1

(21) PCT/IB2004/050787

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 03101608.2 3 Jun/juin 2003 EP (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTIMEDIA PURCHASING APPARATUS, PURCHASING AND SUPPLYING METHOD

• APPAREIL POUR ACHETER UN CONTENU MULTIMÉDIA, AINSI QUE PROCÉDÉS D'ACHAT ET DE FOURNITURE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN BREEMEN, Albertus, J., N.** [NL/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **REERINK, Sander, B.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **FEIJS, Laurentius, M., G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/60, G09F 19/00

(11) WO 2004/107232 (13) A1

(21) PCT/JP2003/006666

(22) 28 May/mai 2003 (28.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTACT POINT NAVIGATION SYSTEM AND METHOD, RECORDING MEDIUM ON WHICH THE METHOD IS RECORDED, AND TRANSMISSION MEDIUM FOR TRANSMITTING THE METHOD

• SYSTEME ET METHODE DE NAVIGATION DE POINT DE CONTACT, SUPPORT D'ENREGISTREMENT SUR LEQUEL LA METHODE EST ENREGISTREE, ET SUPPORT DE TRANSMISSION POUR TRANSMETTRE CETTE METHODE

(71) **DENTSU INC.** [JP/JP]; 8-1, Higashi-shimbashi 1-chome, Minato-ku, Tokyo 105-7001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIGAI, Satoshi** [JP/JP]; c/o DENTSU INC., 8-1, Higashi-shimbashi 1-chome, Minato-ku, Tokyo 105-7001 (JP). **NINOMIYA, So** [JP/JP]; c/o DENTSU INC., 8-1, Higashi-shimbashi 1-chome, Minato-ku, Tokyo 105-7001 (JP).

(74) **SHIMIZU, Hatsushi et al.** / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/107233 (13) A1

(21) PCT/JP2004/006380

(22) 12 May/mai 2004 (12.05.2004)

(25) ja (26) ja

(30) 2003-149739 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SETTLEMENT SYSTEM AND SETTLEMENT METHOD

• PROCEDE ET SYSTEME DE REGLEMENT

(71) **JCB CO., LTD.** [JP/JP]; 1-22, Minami Aoyama 5-chome, Minato-ku, Tokyo 1078686 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKADA, Ryota** [JP/JP]; c/o, Strategic Market Development Dept., JCB Co., Ltd., 1-22, Minami Aoyama 5-chome, Minato-ku, Tokyo 1078686 (JP). **ARAKI, Koji** [JP/JP]; c/o, Strategic Market Development Dept., JCB Co., Ltd., 1-22, Minami Aoyama 5-chome, Minato-ku, Tokyo 1078686 (JP).

(74) **NAKOSHI, Hideo et al.** / etc.; IKUTA & NAKOSHI, Roppongi First Bldg., 7F., 9-9, Roppongi 1-chome, Minato-ku, Tokyo 1060032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/107234 (13) A1

(21) PCT/JP2004/006381

(22) 12 May/mai 2004 (12.05.2004)

(25) ja (26) ja

(30) 2003-149837 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VALUE RETURNING SYSTEM AND VALUE RETURNING METHOD

• SYSTEME ET PROCEDE PERMETTANT DE RENDRE DES VALEURS

(71) **JCB CO., LTD.** [JP/JP]; 1-22, Minami Aoyama 5-chome, Minato-ku, Tokyo 1078686 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKADA, Ryota** [JP/JP]; c/o, Strategic Market Development Dept., JCB Co., Ltd., 1-22, Minami Aoyama 5-chome, Minato-ku, Tokyo 1078686 (JP).

(74) **NAKOSHI, Hideo et al.** / etc.; IKUTA & NAKOSHI, Roppongi First Bldg. 7F., 9-9, Roppongi 1-chome, Minato-ku, Tokyo 1060032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/107235 (13) A1

(21) PCT/JP2004/007854

(22) 31 May/mai 2004 (31.05.2004)

(25) ja (26) ja

(30) 2003-153029 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMMODITY INTERMEDIARY SER-
VICE SUPPORT DEVICE

- DISPOSITIF DE SUPPORT DE SER-
VICE INTERMEDIAIRE POUR DES
MARCHANDISES

(71) JAM CORPORATION [JP/JP]; 7-3, Mi-
nato 1-chome, Chuo-ku, Tokyo 1040043 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NOGUCHI, Sumio [JP/JP]; Tsuk-
ishima-homes 522, 14-13, Tsukishima
1-chome, Chuo-ku, Tokyo 1040052 (JP).
ABE, Yoshiyuki [JP/JP]; 14-7, Shin-ishikawa
4-chome, Aoba-ku, Yokohama-shi, Kana-
gawa 2250003 (JP).

(74) ISSHIKI & CO.; Rookin-Shinbashi Bldg.,
12-7, Shinbashi 2-chome, Minato-ku, Tokyo
1050004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/107236 (13) A1

(21) PCT/KR2004/001307

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ko (26) en

(30) 10-2003-0035329 2 Jun/juin 2003 KR
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR PROVIDING LOTTO
TICKETS USING CREDIT CARD RE-
CEIPTS

- PROCEDE D'OBTENTION DE
BILLETS DE LOTERIE AU MOYEN
DE REÇUS DE CARTES DE CREDIT

(71, 72) PARK, Ki-yong [KR/KR]; 715 (26/1),
705-1, Yeoksam-dong, Kangnam-gu, SEOUL
135-080 (KR).

(74) KIM, Dong-jin; Marcopolo Bldg 3F, 720-20,
Yeoksam-dong, Kangnam-gu, SEOUL
135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/107237 (13) A1

(21) PCT/US2003/024744

(22) 8 Aug/août 2003 (08.08.2003)

(25) en (26) en

(30) 10/449,042 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RAFFLE-BASED COLLABORATIVE
PRODUCT SELLING AND BUYING
SYSTEM

- SYSTEME COLLABORATIF DE
VENTE ET D'ACHAT DE PRODUITS
FONDE SUR LE MECANISME DE LA
LOTERIE

(71) RTM TECHNOLOGIES [US/US]; 62
Basking Brook Lane, Shelton, CT 06484
(US).

(71, 72) MIHALI, Raul [RO/US]; 46 Booras
Lane, Milford, CT 06460 (US). SOBH,
Tarek, M. [US/US]; Six Hickory Hill, Shel-
ton, CT 06484 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F 17/60

(11) WO 2004/107238 (13) A1

(21) PCT/US2004/016275

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,412 22 May/mai 2003 US
(22.05.2003)

(30) 60/472,422 22 May/mai 2003 US
(22.05.2003)

(30) 60/472,748 23 May/mai 2003 US
(23.05.2003)

(30) 60/472,747 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CUSTOMER REVENUE PREDICTION
METHOD AND SYSTEM

- PROCEDE ET SYSTEME DE PREVI-
SION DES REVENUS D'UN CLIENT

(71) PERSHING INVESTMENTS, LLC
[US/US]; White Clay Center, Route 273,
Newark, DE 19711 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YIP, Patrick [US/US]; 7 Braidburn
Way, Morristown, NJ 07960 (US). REDDY,
Praveen [IN/US]; 55 River Drive South,
Apartment 1001, Jersey City, NJ 07310 (US).

(74) CHEN, Wei-Chen et al. / etc.; McDermott,
Will & Emery, 600 13th Street, N.W., Wash-
ington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 19/00, 17/30, 17/60, 1/00

(11) WO 2004/107239 (13) A1

(21) PCT/DE2004/001071

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 755.0 22 May/mai 2003 DE
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR MAKING AVAILABLE
AND RETRIEVING DOCUMENTS VIA
A COMPUTER NETWORK

- PROCEDE POUR METTRE A DISPOSI-
TION ET APPELER DES DOCUMENTS
PAR L'INTERMEDIAIRE D'UN RE-
SEAU INFORMATIQUE

(71, 72) HASENAU, Laszlo [DE/DE]; Yorckstr.
58, 44789 Bochum (DE).

(74) BOCKERMANN, KSOLL, GRIEPEN-
STROH; Bergstr. 159, 44791 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 19/00

(11) WO 2004/107240 (13) A1

(21) PCT/EP2003/005701

(22) 30 May/mai 2003 (30.05.2003)

(25) de (26) de

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR ASSESSING THE RESPONSE BEHAVIOR OF AN INDIVIDUAL TO ANTIRHEUMATICS

- PROCEDE POUR ESTIMER LE COMPORTEMENT REACTIONNEL D'UN INDIVIDU A DES ANTIRHUMATISMAUX

(71, 72) THIESEN, Hans-Jürgen [DE/DE]; Institut für Immunologie, Universität Rostock, Schillingallee 70, 18055 Rostock (DE). KEKOW, Jörn [DE/DE]; Fachkrankenhaus für Rheumatologie, und Orthopädie, Sophie-von-Boetticher-Str.1, 39245 Vogelsang (DE). GUTHKE, Reinhard [DE/DE]; Hans-Knoell-Institut für, Naturstoff-Forschung e.V., Beutenbergstr. 11, 07745 Jena (DE).

(72, 75) KOCZAN, Dirk [DE/DE]; Institut für Immunologie, Universität Rostock, Schillingallee 70, 18055 Rostock (DE).

(74) SCHNEIDER, Michael et al. / etc.; Hammonds, Thomas-Wimmer-Ring 17, 58539 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BH GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 19/00

(11) WO 2004/107241 (13) A2

(21) PCT/FR2004/001193

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/06178 22 May/mai 2003 FR (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • REAL-TIME SIMULATION OF ACTIONS CARRIED OUT ON A VIRTUAL OBJECT BY MEANS OF A VIRTUAL TOOL TELEOPERATED BY CORRELATED FORCE FEEDBACK DEVICES

- SIMULATION EN TEMPS RÉEL D'ACTIONS EFFECTUÉES SUR UN OBJET VIRTUEL PAR UN OUTIL VIRTUEL TÉLÉOPÉRÉ PAR DES DISPOSITIFS À RETOUR D'EFFORT CORRÉLÉS

(71) INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE

ET EN AUTOMATIQUE [FR/FR]; Domaine de Voluceau, Rocquencourt - BP 105, F-78153 Le Chesnay Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COSTE-MANIERE, Eve [FR/FR]; 8, Alphonse Karr - Résidence Le Palace, F-06600 Nice (FR). DONAL, Stevan [FR/FR]; 6, rue Championnet, F-06000 Antibes (FR).

(74) PLACAIS, Jean-Yves et al. / etc.; Cabinet Netter, 36, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 19/00

(11) WO 2004/107242 (13) A2

(21) PCT/IB2004/050797

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) PCT/IB03/02050 28 May/mai 2003 IB (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOSPITAL INFORMATION SYSTEM

- SYSTEME D'INFORMATION POUR HOPITAL

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONISHI, Nakao [JP/JP]; c/o Hiroshima University, 1-2-3, Kasumi, Minami-ku, Hiroshima-shi, Hiroshima 734-8551 (JP). SUGANUMA, Kunio [JP/JP]; c/o Sota Systems Kabushiki Kaisha, 5th Floor, Maruzen Bldg. #3, 6-16-6, Nishishinjuku, Shinjuku-ku, Tokyo 160-0023 (JP).

(74) TSUGARU, Susumu et al. / etc.; c/o Philips Japan, Ltd., Philips Bldg., 2-13-37, Kohnan, Minato-ku, Tokyo 108-8507 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 19/00

(11) WO 2004/107243 (13) A1

(21) PCT/JP2004/007271

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-151738 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR DESIGNING DNA CODES USED AS INFORMATION CARRIER

- PROCEDE DE CONCEPTION DE CODES ADN UTILISES EN TANT QUE SUPPORT D'INFORMATIONS

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARITA, Masanori [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 41-6, Aomi 2-chome, Koto-ku, Tokyo 135-0064 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (q2)

(51)⁷ G06F 19/00

(11) WO 2004/107244 (13) A1

(21) PCT/JP2004/000952

(22) 30 Jan/jan 2004 (30.01.2004)

(25) ja (26) ja

(30) 2003-155988 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INFORMATION PROCESSING METHOD USING NUCLEIC ACID MOLECULES

- PROCEDE DE TRAITEMENT D'INFORMATIONS METTANT EN OEUVRE DES MOLECULES D'ACIDES NUCLEIQUES

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUYAMA, Akira [JP/JP]NITTA, Nao [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 19/00

(11) WO 2004/107245 (13) A1

(21) PCT/KR2004/001157

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 20-2003-0016429 27 May/mai 2003 KR (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DRINKING WATER SUPPLY APPARATUS WITH ADVERTIZING SIGNBOARD

• APPAREIL DISTRIBUTEUR D'EAU DE BOISSON DOTE D'UN PANNEAU D'ENSEIGNE PUBLICITAIRE

(71, 72) KIM, Hyung, Seok [KR/KR]; 40 Chebudoong, Jongno-gu, Seoul, 110-045 (KR).

(74) YANG, Gun Sik; #509 Junggok B/D., 1705 Secho-dong, Secho-gu, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 19/00

(11) WO 2004/107246 (13) A1

(21) PCT/US2003/015365

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPLICATION OF SYMBOL SEQUENCE ANALYSIS AND TEMPORAL IRREVERSIBILITY TO MONITORING AND CONTROLLING BOILER FLAMES

• APPLICATION D'ANALYSE DE SEQUENCE DE SYMBOLES ET IRREVERSIBILITE TEMPORELLE POUR

LA SURVEILLANCE ET LA COMMANDE DE FLAMMES DE CHAUDIERE

(71) ELECTRIC POWER RESEARCH INSTITUTE, INC. [US/US]; 3412 Hillview Avenue, Palo Alto, CA 94304 (US).

(72) DAW, Charles, Stuart; 1021 Crooked Springs Road, Knoxville, TN 37932 (US). FULLER, Tomothy, A.; 1407 Lupe Avenue NW, North Canton, OH 44720 (US). FLYNN, Thomas, J.; 1104 Chelmsford Street NW, North Canton, OH 44720 (US). FINNEY, Charles, E., A.; 508 Union Avenue, Unit 208, Knoxville, TN 37902-2119 (US).

(74) OWENS, David, R.; Morgan, Lewis & Bockius LLP, 2 Palo Alto Square, 3000 El Camino Real, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 19/00

(11) WO 2004/107247 (13) A2

(21) PCT/US2004/011854

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/472,283 21 May/mai 2003 US (21.05.2003)

(30) 10/704,400 7 Nov/nov 2003 US (07.11.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A SERVICE ORDER SYSTEM AND USER INTERFACE FOR USE IN HEALTHCARE AND OTHER FIELDS

• SYSTEME DE COMMANDE DE SERVICES ET INTERFACE UTILISATEUR POUVANT ETRE UTILISES DANS LE DOMAINE DES SOINS DE SANTE ET DANS D'AUTRES DOMAINES

(71) SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUCKER, Donald, W. [US/US]; 210 West Rittenhouse Square, #1207, Philadelphia, PA 19103 (US).

(74) BURKE, Alexander, J. et al. / etc.; Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06G

(11) WO 2004/107248 (13) A2

(21) PCT/US2004/013372

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/442,718 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • READ ACCESS AND STORAGE CIRCUITRY READ ALLOCATION APPLICABLE TO A CACHE

• ACCES EN LECTURE ET ATTRIBUTION DE LECTURE DE CIRCUITS DE STORAGE APPLICABLES A UNE ANTEMEMOIRE

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOYER, William, C [US/US]; 1005 Pier Branch Road, Dripping Springs, TX 78620 (US).

(74) KING, Robert, L. et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) WO 2004/107249 (13) A2

(21) PCT/EP2004/005902

(22) 1 Jun/juin 2004 (01.06.2004)

(25) de (26) de

(30) 103 24 996.6 3 Jun/juin 2003 DE (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CHIP CARD HAVING AT LEAST ONE APPLICATION

• CARTE A PUCE COMPORTANT AU MOINS UNE APPLICATION

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIETZE, Claus** [DE/DE]; Alpenstrasse 31, 82395 Obersoehching (DE).

(74) **KLUNKER SCHMITT-NILSON HIRSCH**; Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) **WO 2004/107250** (13) A2

(21) PCT/IB2004/001665

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 10/448,248 **28 May/mai 2003 US (28.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM, APPARATUS, AND METHOD FOR PROVIDING MULTI-APPLICATION SUPPORT USING A SINGLE PROTOCOL STACK

• SYSTEME, APPAREIL ET PROCEDURE DE SOUTIEN MULTI-APPLICATIONS A L'AIDE D'UNE SEULE PILE DE PROTOCOLES

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71) **NOKIA, INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) **MAYER, Georg**; Kavallinpuisto 4 H, FIN-02710 Espoo (FI).

(74) **FUNK, Steven**; Crawford Maunu PLLC, 1270 Northland Drive, Suite 390, St. Paul, MN 55120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) **WO 2004/107251** (13) A2

(21) PCT/US2004/013138

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 60/473,095 **23 May/mai 2003 US (23.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RFID RELAY DEVICE AND METHODS FOR RELAYING AN RFID SIGNAL

• RELAIS D'IDENTIFICATION PAR RADIOFREQUENCE (RFID) ET PROCÉDES DE RETRANSMISSION D'UN SIGNAL RFID

(71) **SYMBOL TECHNOLOGIES, INC.** [US/US]; One Symbol Plaza, Holtsville, NY 11742-1300 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRIDGELALL, Raj** [US/US]; 1 Flora Drive, Mount Sinai, NY 11766 (US).

DURON, Mark [US/US]; 140B La Bonnevie Drive, East Patchogue, NY 11772 (US).
KNADLE, Richard [US/US]; 316 Vanderbilt Parkway, Dix Hills, NY 11746-5856 (US).
CHARYCH, Hai [US/US]; 31 Abbey Lane, E. Setauket, NY 11733 (US).
NUDELMAN, Avi [US/US]; 92 Stone Hurst Lane, Dix Hills, NY 11746 (US).

(74) **LORENZ, Timothy, J. et al.** / etc.; Ingrassia Fisher & Lorenz, P.C., 7150 E. Camelback Road, Suite 325, Scottsdale, AZ 85251-1225 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) **WO 2004/107252** (13) A2

(21) PCT/US2004/013231

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/448,263 **29 May/mai 2003 US (29.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS AND SYSTEMS FOR IMAGE-GUIDED PLACEMENT OF IMPLANTS

• PROCÉDES ET SYSTEMES DE PLACEMENT D'IMPLANTS GUIDE PAR L'IMAGE

(71) **BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **WICKER, Ryan, B.**; 817 Live Oak, El Paso, TX 79932 (US).
TEDLA, Buzuayehu; 500 West University, El Paso, TX 79968-0587 (US).

(74) **GLASER, Kenneth, R. et al.** / etc.; Gardere Wynne Sewell LLP, 1601 Elm Street, Suite 3000, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) **WO 2004/107253** (13) A2

(21) PCT/US2004/016770

(22) **27 May/mai 2004 (27.05.2004)**

(25) en (26) en

(30) 10/445,322 **27 May/mai 2003 US (27.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR ELECTRONIC PRESENTATIONS

• SYSTEME ET PROCEDURE DE PRESENTATION ELECTRONIQUE

(71) **LEARNING TREE INTERNATIONAL, INC.** [US/US]; 6053 West Century Blvd., Suite 200, Los Angeles, CA 90045 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'NEAL, David, Sheldon**; 3136 Antrim Circle, Dumfries, VA 22026 (US).
SMITH, Sean, Dare [GB/GB]; Oak Cottage, South Street, Ropley, Alresford SO2 40DY (GB).
ACKERMAN, Stuart [US/US]; 6366 West 85th Street, Los Angeles, CA 90045 (US).

(74) **CULLEN, Lawrence, T. et al.** / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 7/00

(11) **WO 2004/107254** (13) A1

(21) PCT/CN2004/000568

(22) **31 May/mai 2004 (31.05.2004)**

- (25) zh (26) zh
(30) 03128955.X **30 May/mai 2003 CN (30.05.2003)**
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **BI-DIRECTIONAL READABLE TWO-DIMENSIONAL BAR CODE SYSTEM AND ITS READING METHOD**
• SYSTEME DE CODE A BARRES BIDIMENSIONNEL LISIBLE DANS DEUX DIRECTIONS ET PROCEDE DE LECTURE
(71) **LP TECHNOLOGIES (SHANGHAI) INC.** [CN/CN]; Room 1101, 200 Zhangheng Rd., Shanghai 201204 (CN).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BIAN, Longxiang** [US/CN]; Room 1101, 200 Zhangheng Rd., Shanghai 201204 (CN).
(74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; 435 Guiping Road, Shanghai 200233 (CN).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

- (51)⁷ **G06K 7/00, G06F 1/00, 3/023**
(11) **WO 2004/107255** (13) A1
(21) PCT/IB2004/050804
(22) **28 May/mai 2004 (28.05.2004)**
(25) en (26) en
(30) 03101610.8 **3 Jun/juin 2003 EP (03.06.2003)**
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **SECURE CARD TERMINAL**
• TERMINAL A CARTES SECURISE
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BAKER, Keith** [GB/AT]; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT). **PLEUNIS, Johannes Maria** [NL/AT]; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).
(74) **RÖGGLA, Harald**; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06K 9/00**

- (11) **WO 2004/107256** (13) A1
(21) PCT/IL2004/000458
(22) **27 May/mai 2004 (27.05.2004)**
(25) en (26) en
(30) 60/473,132 **27 May/mai 2003 US (27.05.2003)**
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **METHOD OF COLOR COMPRESSION**
• PROCEDE DE COMPRESSION DE COULEURS
(71) **TURSIGHT LTD.** [IL/IL]; P.O.Box 7920, 31078 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SHEFER, Mordechai** [IL/IL]; 35 Givat Downs St., 34349 Haifa (IL).
(74) **FRIEDMAN, Mark**; 7 Haomanim St., 67897 Tel Aviv (IL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (71) **L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LEPIC, Séverine** [FR/FR]; 47, avenue Hoche, F-75008 Paris (FR). **FATH, Daniel** [FR/FR]; Domaine du Golf, 3, allée des Greens, F-95800 Courdimanche (FR).
(74) **CONAN, Philippe et al.** / etc.; L'Air Liquide, Société Anonyme à Directoire et Con, seil de Surveillance pour l'Etude et l'Exploitation, n des Procédés Georges Claude, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G06K 9/03, 9/20, 9/32**

- (11) **WO 2004/107257** (13) A1
(21) PCT/JP2003/006828
(22) **30 May/mai 2003 (30.05.2003)**

- (25) ja (26) ja
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **FORMS PROCESSING PROGRAM, METHOD, AND DEVICE**
• PROGRAMME, PROCEDE ET DISPOSITIF DE TRAITEMENT DE FORMES
(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MIYATAKE, Jun** [JP/JP]; c/o FUJITSU COMPUTER TECHNOLOGIES LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **URA, Yasuhiro** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(74) **TAKEUCHI, Susumu**; 8 Floor, Shimizu Building, 25-47, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
(81) JP US.

(51)⁷ **G06K 13/00**

- (11) **WO 2004/107258** (13) A1
(21) PCT/FR2004/001152
(22) **12 May/mai 2004 (12.05.2004)**
(25) fr (26) fr
(30) 03/50170 **22 May/mai 2003 FR (22.05.2003)**
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • **METHOD FOR MONITORING THE TEMPERATURE OF A SUPPLY UNIT CONTAINING A FRESH OR DEEP-FROZEN PRODUCT OR SET OF PRODUCTS**
• PROCEDE DE SUIVI DE TEMPERATURE D'UNE UNITE LOGISTIQUE CONTENANT UN PRODUIT OU UN ENSEMBLE DE PRODUITS FRAIS OU SURGELES
(71) **L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LEPIC, Séverine** [FR/FR]; 47, avenue Hoche, F-75008 Paris (FR). **FATH, Daniel** [FR/FR]; Domaine du Golf, 3, allée des Greens, F-95800 Courdimanche (FR).
(74) **CONAN, Philippe et al.** / etc.; L'Air Liquide, Société Anonyme à Directoire et Con, seil de Surveillance pour l'Etude et l'Exploitation, n des Procédés Georges Claude, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06K 15/02, G06T 11/00

(11) WO 2004/107259 (13) A1

(21) PCT/US2004/014598

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/449,559 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PARALLEL PROCESSING OF PAGE DESCRIPTION LANGUAGE DATA
• PROCEDE ET SYSTEME DE TRAITEMENT PARALLELE DE DONNEES EN LANGAGE DE DESCRIPTION DE PAGE

(71) ELECTRONICS FOR IMAGING, INC. [US/US]; 303 Velocity Way, Foster City, CA 94404 (US).

(72) WOOD, Patrick H.; 14 Jessica Court, Lake Hopatcong, NJ 07849 (US). ARONSHTAM, Boris; 175 Los Vientos Way, San Carlos, California 94070 (US). GOLDENBERG, Sol; 1287 Green Pond Road, Newfoundland, New Jersey 07435 (US).

(74) TROSINO, James; 268 Bush Street, #3434, San Francisco, CA 94104 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06K 19/077

(11) WO 2004/107260 (13) A2

(21) PCT/FR2004/001299

(22) 26 May/mai 2004 (26.05.2004)

(25) fr (26) fr

(30) 03/06309 26 May/mai 2003 FR (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR PRODUCING A CONTACTLESS TICKET AND TICKET OBTAINED BY MEANS OF SAID METHOD
• PROCEDE DE FABRICATION D'UN TICKET SANS CONTACT ET TICKET OBTENU A PARTIR DE CE PROCEDE

(71) ASK S.A. [FR/FR]; Les Bouillides, 15, traverse des Brucs, Boîte postale 337, Sophia Antipolis, F-06560 Valbonne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALOPE, Christophe [FR/FR]; 241, route de Grasse, F-06400 Cannes (FR).

(74) BONNEAU, Gérard; Murgitroyd & Company, 55, allée Pierre Ziller, Immeuble Atlantis, Sophia Antipolis, F-06560 Valbonne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/077, G11B 23/30, G06K 19/07

(11) WO 2004/107261 (13) A1

(21) PCT/IT2003/000333

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPTICAL READ DISK AND PRODUCTION METHOD FOR THE SAME
• DISQUE DE LECTURE OPTIQUE ET PROCEDE DE PRODUCTION ASSOCIE

(71) FINANZIARIA SAMMARINESE, S.A. [SM/SM]; Strada Rovereta, 52, 47891 Falciano (SM).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MODUGNO, Corrado [IT/IT]; Via Gustavo Modena, 37, I-40127 Bologna (IT).

(74) JORIO, Paolo et al. / etc.; C/O Studio Torta S.R.L., Via Viotti, 9, 10121 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/077, 19/07, H01Q 1/38, B42D 15/10

(11) WO 2004/107262 (13) A1

(21) PCT/JP2003/006660

(22) 28 May/mai 2003 (28.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RADIO RECOGNITION SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD

• DISPOSITIF SEMI-CONDUCTEUR DE RADIO RECONNAISSANCE ET SON PROCEDE DE FABRICATION

(71) HITACHI, LTD. [JP/JP]; 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) USAMI, Mitsuo [JP/JP]; c/o Central Research Laboratory, Hitachi, Ltd., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).

(74) SAKUTA, Yasuo; c/o Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06K 19/077, 19/07, H05K 13/04, 3/34, H01L 25/00

(11) WO 2004/107263 (13) A1

(21) PCT/JP2003/006829

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD
• DISPOSITIF SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION

(71) RENESAS TECHNOLOGY CORP. [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANAKA, Hiroaki [JP/JP]; C/O Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP). TERADA, Kazuhiro [JP/JP]; C/O Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP). ONO, Hiroyuki [JP/JP]; C/O Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP). SUZUKI, Kazunari [JP/JP]; C/O Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).

(74) TSUTSUI, Yamato; Tsutsui & Associates, 3F, Azeria Bldg., 1-1, Nishi-shinjuku 8-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06N 3/08
(11) WO 2004/107264 (13) A2
(21) PCT/US2004/016177
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 60/473,320 23 May/mai 2003 US (23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ADAPTIVE LEARNING ENHANCEMENT TO AUTOMATED MODEL MAINTENANCE
• PERFECTIONNEMENT PAR APPRENTISSAGE ADAPTATIF APPORTE A LA MAINTENANCE D'UN MODELE AUTOMATISE
(71) COMPUTER ASSOCIATES THINK, INC. [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ZHUO, Meng [US/US]; 8374 Chestnut Blvd., Broadview Heights, OH 44147 (US). BAOFU, Duan [US/US]; 2235 Overlook Road, Apt. 208, Cleveland Heights, OH 44106 (US). YOH-HAN, Pao [US/US]; 2721 Scarborough Road, Cleveland Heights, OH 44106 (US).
(74) JAWORSKI, Richard, F. et al. / etc.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 1/00
(11) WO 2004/107266 (13) A1
(21) PCT/IB2004/002128
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/474,795 29 May/mai 2003 US (29.05.2003)
(30) 60/497,026 20 Aug/août 2003 US (20.08.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • VISUAL TRACKING USING DEPTH DATA
• REPERAGE VISUEL AU MOYEN DE DONNEES SUR LA PROFONDEUR
(71) HONDA MOTOR CO., LTD. [JP/JP]; No. 1-1, 2-Chome Minamiaoyama, Minato-Ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FUJIMURA, Kikuo [JP/JP]; Honda Research Institute USA, Inc., 800 California Street, Suite 300, Mountain View, CA 94041 (US). NANDA, Harsh [IN/IN]; Redmond, WA (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 7/60
(11) WO 2004/107268 (13) A1
(21) PCT/SG2004/000142
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 200303034-3 30 May/mai 2003 SG (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • METHOD AND SYSTEM FOR DETECTING TOP SURFACE NON-UNI-FORMITY OF FASTENERS
• PROCEDE ET SYSTEME DE DETECTION DE NON UNIFORMITE DE LA SURFACE SUPERIEURE D'ATTACHES
(71) ZEN VOCE MANUFACTURING PTE LTD [SG/SG]; Blk 5004 Ang Mo Kio Avenue 5, #04-06 TECHplace II, Singapore 569872 (SG).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MAIYA, Rakesh, Manur [IN/SG]; Block 511 Hougang Avenue 10, #12-139, Singapore 530511 (SG). KAVETI, Satish [IN/SG]; Block 566 Choa Chu Kang Street 52, #12-138, Singapore 680566 (SG). CAMUT, Jean-Luc, Maurice [FR/SG]; Block
-
- (DE). ROSE, Marc [DE/DE]; Geschwister-Scholl-Str. 3, 91508 Erlangen (DE).
(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 7/00
(11) WO 2004/107267 (13) A2
(21) PCT/FR2004/001166
(22) 13 May/mai 2004 (13.05.2004)
(25) fr (26) fr
-
- Published / Publiée : (c)

- 856B Tampines Street 82, #02-150, Singapore 522856 (SG).
- (74) **LAWRENCE Y D HO & ASSOCIATES PTE LTD**; 30 Bideford Road, #07-01 Thongsia Building, Singapore 229922 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 11/00**
- (11) **WO 2004/107269** (13) A1
- (21) PCT/US2004/016909
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) en (26) en
- (30) 60/473,518 **27 May/mai 2003 US (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METHOD FOR FAST IMAGE RECONSTRUCTION WITH COMPACT RADIATION SOURCE AND DETECTOR ARRANGEMENT USING COMPUTERIZED TOMOGRAPHY**
- **PROCEDE DE RECONSTRUCTION D'IMAGE RAPIDE PAR SOURCE DE RAYONNEMENTS COMPACTS ET AGENCEMENT DE DETECTEURS UTILISANT LA TOMOGRAPHIE INFORMATISEE**
- (71) **CLEAN EARTH TECHNOLOGIES, LLC** [US/US]; 13378 Lakefront Drive, St. Louis, MO 63045 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CAI, Qingzhong, James** [US/US]; 4817 Holly Bery Dr., Plano, TX 75093 (US).
BLANCHARD, Andrew [US/US]; 230 Amanda Court, Murphy, TX 75094 (US).
GOLDEN, Jeffry [US/US]; 12919 Wallingshire Court, Creve Coeur, MO 63141 (US).
- (74) **KANG, Grant et al.** / etc.; Husch & Eppenger, LLC, 190 Carondelet Plaza, Suite 600, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 17/40**
- (11) **WO 2004/107271** (13) A1
- (21) PCT/JP2003/009527
- (22) **28 Jul/juil 2003 (28.07.2003)**
- (25) ja (26) ja
- (30) 2003-156074 **30 May/mai 2003 JP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **3-DIMENSIONAL GRAPHICS DATA DISPLAY DEVICE**
- **DISPOSITIF D'AFFICHAGE DE DONNEES GRAPHIQUES TRIDIMENSIONNELLES**
- (71) **LATTICE TECHNOLOGY, INC.** [JP/JP]; 4F Hiei-kudan Bldg., 3-8-11, Kudan-minami, Chiyoda-ku, Tokyo 102-0074 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOHO, Masato** [JP/JP]; c/o LATTICE TECHNOLOGY, INC., 4F Hiei-kudan Bldg., 3-8-11, Kudan-minami, Chiyoda-ku, Tokyo 102-0074 (JP).
HARADA, Tsuyoshi [JP/JP]; c/o LATTICE TECHNOLOGY, INC., 4F Hiei-kudan Bldg., 3-8-11, Kudan-minami, Chiyoda-ku, Tokyo 102-0074 (JP).
SEKI, Makito [JP/JP]; c/o LATTICE TECHNOLOGY, INC., 4F Hiei-kudan Bldg., 3-8-11, Kudan-minami, Chiyoda-ku, Tokyo 102-0074 (JP).
YAMADA, Tomohiro [JP/JP]; c/o LATTICE TECHNOLOGY, INC., 4F Hiei-kudan Bldg., 3-8-11, Kudan-minami, Chiyoda-ku, Tokyo 102-0074 (JP).
- (74) **YAGUCHI, Taro; OMORI AND YAGUCHI**, 4th Floor Matrice Bldg., 2-13-7, Minamiaoyama, Minato-ku, Tokyo 107-0062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 17/40, 7/00**
- (11) **WO 2004/107272** (13) A1
- (21) PCT/US2004/015094
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 10/448,614 **29 May/mai 2003 US (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **SYSTEM AND METHOD FOR PROVIDING A REAL-TIME THREE-DIMENSIONAL INTERACTIVE ENVIRONMENT**
- **SYSTEME ET PROCEDE DE FOURNITURE D'UN ENVIRONNEMENT INTERACTIF TRIDIMENSIONNEL EN TEMPS REEL**
- (71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARKS, Richard** [US/US]; 919 E. Hillside Blvd., 2nd Floor, Foster City, CA 94404 (US).
- (74) **PENILLA, Albert, S.**; Martine & Penilla, LLP, 710 Lakeway Drive, Suite 170, Sunnyvale, CA 94085 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06T 17/40, 5/00
(11) WO 2004/107273 (13) A1
(21) PCT/US2004/016703
(22) 27 May/mai 2004 (27.05.2004)
(25) en (26) en
(30) 60/473,730 28 May/mai 2003 US
(28.05.2003)
(30) 10/852,834 25 May/mai 2004 US
(25.05.2004)
(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AUTOMATIC OPTIMAL VIEW DETER-
MINATION FOR CARDIAC ACQUISITIONS
• DETERMINATION AUTOMATIQUE
DES ANGLES OPTIMAUX DE VI-
SION EN VUE D'ACQUISITIONS CAR-
DIAQUES

(71) SIEMENS CORPORATE RESEARCH,
INC. [US/US]; 755 College Road East,
Princeton, NJ 08540 (US).

(72) O'DONNELL, Thomas; 215 W. 98th Street,
#11D, New York, NY 10025 (US). COWAN,
Brett; 111 Sunset Road, Glenfield, Auckland
1310 (NZ). YOUNG, Alistair; 61 O'Neil
Street, Ponsonby, Auckland 1002 (NZ).

(74) PASCHBURG, Donald, B. et al. / etc.;
Siemens Corporation- Intellectual Property
Dept., 170 Wood Avenue South, Iselin, NJ
08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G07B 15/00, G08G 1/01
(11) WO 2004/107274 (13) A1
(21) PCT/EP2004/005321
(22) 18 May/mai 2004 (18.05.2004)
(25) de (26) de
(30) 103 24 572.3 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR DETERMINING THE
TOLL FOR THE USE OF SECTIONS OF
A STRETCH OF A ROAD OF A ROAD
NETWORK AND CORRESPONDING
METHOD

• SYSTEME POUR DETERMINER
DES FRAIS DE PEAGE RELATIFS
A L'UTILISATION DE TRONÇONS DE
VOIES D'UN RESEAU ROUTIER ET
PROCEDE CORRESPONDANT

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALEKSIC, Mario [DE/DE]; In den
Rosenäckern 43, 78647 Trossingen (DE).
HAUG, Andreas [DE/DE]; Albblick 4,
73730 Esslingen (DE). KERNER, Boris
[DE/DE]; Luganer Strasse 5, 70619 Stuttgart
(DE). REHBORN, Hubert [DE/DE]; Lipp-
strasse 8, 70734 Fellbach (DE).

(74) BOGERT, Valentin et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (a)

(51)⁷ G07C 3/04, G07F 7/00
(11) WO 2004/107275 (13) A1
(21) PCT/US2004/016202
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 60/472,828 22 May/mai 2003 US
(22.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEMS AND METHODS FOR EX-
TERNALLY MONITORING EQUIP-
MENT USE

• SYSTEMES ET PROCEDES DE COM-
MANDE EXTERNE D'UTILISATION
D'EQUIPEMENT

(71) HONEYWELL INTERNATIONAL INC.
[US/US]; 101 Columbia Road, Morristown,
NJ 07962 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAUGHN, Thomas, H. [US/US]; 2304
Mallard Pointe Courte, Springfield, IL 62707
(US).

(74) FREDRICK, Kris, T. et al. / etc.; Honey-
well International Inc., 101 Columbia Road,
POB 2245, Morristown, NJ 07962 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G07C 9/00, B60R 25/04
(11) WO 2004/107276 (13) A1
(21) PCT/EP2004/005948
(22) 2 Jun/juin 2004 (02.06.2004)
(25) de (26) de
(30) 103 25 246.0 3 Jun/juin 2003 DE
(03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ELECTRONIC ACCESS CONTROL DE-
VICE
• DISPOSITIF DE CONTROLE D'ACCES
ELECTRONIQUE

(71) HUF HÜLSBECK & FÜRST GMBH &
CO. KG [DE/DE]; Steeger Strasse 17, 42551
Velbert (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HANSEN-RÜTHER, Dirk [DE/DE];
Rüggeberger Strasse 93, 58256 Ennepetal
(DE). STEEGMANN, Bernd [DE/DE];
Schleiferweg 6, 42579 Heiligenhaus (DE).
VAN DEN BOOM, Andreas [DE/DE];
Mühlenkamp 35, 45309 Essen (DE).

(74) DALLMEYER, Georg et al. / etc.; Bahn-
hofsvorplatz 1, Deichmannhaus am Dom,
50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G07C 11/00, 9/00, A61M 5/145
(11) WO 2004/107277 (13) A1
(21) PCT/EP2004/005038
(22) 11 May/mai 2004 (11.05.2004)
(25) de (26) de
(30) 103 25 106.5 3 Jun/juin 2003 DE
(03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • DEVICE AND METHOD FOR IDENTI-
FYING A MEDICAL DEVICE USER

- DISPOSITIF ET PROCEDE D'IDENTIFICATION D'UN UTILISATEUR D'UN APPAREIL MEDICAL
- (71) **DISETRONIC LICENSING AG** [CH/CH]; Kirchbergstrasse 190, CH-3401 Burgdorf (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EBERHART, Andreas** [CH/CH]; Mittelstrasse 3, CH-3414 Oberburg (CH). **HEINIGER, Hanspeter** [CH/CH]; Hoefliweg 5, CH-4932 Lotzwil (CH). **IMHOF, Erich** [CH/CH]; Kirchstrasse 9b, CH-3427 Utzenstorf (CH). **RUFER, Thomas** [CH/CH]; Grauholzstrasse 42, CH-3063 Ittigen (CH).
- (74) **GASSENHUBER, Andreas et al.** / etc.; Patentanwälte, Schwabe Sandmair Marx, Stuntzstr. 16, 81677 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G07D 7/12, 7/04**
- (11) **WO 2004/107278** (13) A1
- (21) PCT/AU2004/000587
- (22) **6 May/mai 2004 (06.05.2004)**
- (25) en (26) en
- (30) 2003902702 **30 May/mai 2003 AU (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CURRENCY NOTE IDENTIFICATION AND VALIDATION
• IDENTIFICATION ET VALIDATION DE BILLETS
- (71) **ASTROSYS INTERNATIONAL LTD** [CN/CN]; 8/F 28 Hung To Road, HONG KONG, Kowloon (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SMITH, Peter, Ronald** [AU/AU]; 97 Clifton Street, Essendon, Victoria 3040 (AU).
- (74) **FREEHILLS CARTER SMITH BEADLE**; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G07F**
- (11) **WO 2004/107280** (13) A2
- (21) PCT/US2004/015658
- (22) **17 May/mai 2004 (17.05.2004)**
- (25) en (26) en
- (30) 60/473,685 **28 May/mai 2003 US (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM AND METHOD FOR ELECTRONIC PREPAID ACCOUNT REPLENISHMENT
• SYSTEME ET PROCEDE POUR RECONSTITUTION DE COMPTE PREPAYE ELECTRONIQUE
- (71) **EWI HOLDINGS, INC.** [US/US]; 10509 Vista Sorrento Parkway, Suite 410, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G07F**
- (11) **WO 2004/107279** (13) A2
- (21) PCT/EP2004/001953
- (22) **27 Feb/fév 2004 (27.02.2004)**
- (25) de (26) de
- (30) 103 24 968.0 **3 Jun/juin 2003 DE (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MERCHANDISE DRAWER COMPRISING AN EXTENDING DEVICE FOR VENDING MACHINES
• COMPARTIMENT A MARCHANDISES DOTE D'UN DISPOSITIF TELESCOPIQUE DANS UN DISTRIBUTEUR DE MARCHANDISES
- (71) **DEUTSCHE WURLITZER GMBH** [DE/DE]; Niederdorf 5, 32351 Stemwede-Levern (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEIDEMANN, Jens** [DE/DE]; Brunnenallee 91a, 32257 Bünde (DE). **OBERMEIER, Jürgen** [DE/DE]; Gerhard-Hauptmann-Strasse 5, 32609 Hüllhorst (DE).
- (74) **EHLERS, Jochen**; Eisenführ, Speiser & Partner, Postfach 10 60 78, 28060 Bremen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G07F 7/00, G06F 17/60, H04M 17/00**
- (11) **WO 2004/107281** (13) A1
- (21) PCT/EP2004/005673
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) de (26) de
- (30) 03012527.2 **2 Jun/juin 2003 EP (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR BILLING A SERVICE USING SEVERAL MEASURED VARIABLES AND SEVERAL DEBIT ACCOUNTS
• PROCEDE DE FACTURATION D'UNE PRESTATION DE SERVICE FAISANT APPEL A PLUSIEURS GRANDEURS DE MESURE ET A PLUSIEURS COMPTES DE CREDIT
- (71) **ORGA SYSTEMS GMBH** [DE/DE]; Am Hoppenhof 33, 33104 Paderborn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRAJKOVIC, Tomas** [DE/DE]; Landwehrstrasse 6, 59558 Lippstadt (DE). **HOGENKAMP, Horst** [DE/DE]; Würzburger Strasse 45, 33659 Bielefeld (DE). **SCHWÖPPE, Thomas** [DE/DE]; Theodorstrasse 9, 33102 Paderborn (DE).
- (74) **RICHARDT, Markus et al.** / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07F 7/10, G06K 19/073

(11) WO 2004/107282 (13) A1

(21) PCT/EP2004/005822

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 103 24 995.8 3 Jun/juin 2003 DE
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD FOR LOADING PORTABLE DATA CARRIERS WITH DATA
- PROCEDE DE CHARGEMENT DE SUPPORTS DE DONNEES PORTATIFS, EN DONNEES

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLAMMENSBOCK, Christian [DE/DE]; Gabisweg 2A, 86529 Schrobenhausen (DE). PATZKE, Hagen [DE/DE]; Dülferstrasse 21d, 80933 München (DE). EBNER, Claus [DE/DE]; Pappelallee 12e, 80995 München (DE).

(74) KLUNKER SCHMITT-NILSON HIRSCH; Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07F 7/10

(11) WO 2004/107283 (13) A1

(21) PCT/IB2004/050794

(22) 27 May/mai 2004 (27.05.2004)

(25) fr (26) fr

(30) 0953/03 28 May/mai 2003 CH
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • SECURITY KEY GENERATION METHOD
- METHODE DE GENERATION D'UNE CLE DE SECURITE

(71) NAGRACARD SA [CH/CH]; Route de Genève 22, CH-1033 Cheseaux-sur-Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUDELSKI, Henri [CH/CH]; Chemin de Sous-Gourze 1, CH-1091 Grandvaux (CH). GAUMAIN, Serge [CH/CH]; Rue du Collège 11, CH-1400 Yverdon (CH).

(74) LEMAN CONSULTING SA; Route de Clémenty 62, CH-1260 Nyon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07F 19/00, G06F 1/00, G07F 17/16

(11) WO 2004/107284 (13) A1

(21) PCT/EP2004/005954

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,651 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD AND SYSTEM FOR RECOVERY OF AN ELECTRONIC VOUCHER AND CONTENT RECEIVED USING AN ELECTRONIC VOUCHER
- PROCEDE ET SYSTEME DE RECUPERATION D'UN COUPON ELECTRONIQUE ET CONTENU REÇU AU MOYEN D'UN COUPON ELECTRONIQUE

(71) KONINKLIJKE KPN N.V. [NL/NL]; Stationsplein 7, NL-9726 AE Groningen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELGERT, Franklin [NL/NL]; Penninglaan 30, NL-2651 BL Berkel en Rodenrijs (NL).

(74) WUYTS, Koenraad, Maria; Koninklijke KPN N.V., P.O. Box 95321, NL-2509 CH The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G07F 19/00, 7/10

(11) WO 2004/107285 (13) A1

(21) PCT/US2003/014685

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • CREDIT CARD SMS PORTAL TRANSMISSION SYSTEM AND PROCESS
- SYSTEME ET PROCEDE DE TRANSMISSION DE PORTAIL SMS POUR CARTE DE CREDIT

(71) BRIZA TECHNOLOGIES, INC. [US/US]; 601 Route 206, Suite 26N720, Hillborough, NJ 08844 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVA, Ivan, Pereira [US/US]; 44 Foxhill Lane, Hillborough, NJ 08844 (US). DE MORAES FILHO, Alvaro, Pereira [BR/BR]; Rua Joaquim da Silva Sampaio, 919, CEP 80710-630 Curitiba Parana (BR).

(74) SARALINO, Mark, D. et al. / etc.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, Nineteenth Floor, Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07G 1/00

(11) WO 2004/107286 (13) A1

(21) PCT/GB2004/002284

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312487.2 30 May/mai 2003 GB
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • TILL SYSTEMS
- SYSTEMES D'ENREGISTREUSE

(71) LITTLEWOODS PROMOTIONS LIMITED [GB/GB]; Sportech House, Wavetree Technology Park, Liverpool L13 1AB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALLISON, Mark [GB/GB]; c/o Littlewoods Promotions Limited, Sportech House, Wavetree Technology Park, Liverpool L13 1AB (GB).

(74) NETTLETON, John, Victor et al. / etc.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G08B 5/00**
 (11) **WO 2004/107287** (13) A2
 (21) PCT/EP2004/005431
 (22) **19 May/mai 2004 (19.05.2004)**
 (25) de (26) de
 (30) 103 24 068.3 **27 May/mai 2003 DE (27.05.2003)**
 (30) 103 56 121.8 **1 Dec/déc 2003 DE (01.12.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • INFLATABLE SIGNALING DEVICE, AIRBAG SUITED THEREFOR, AND USE THEREOF AS A BREAK-DOWN INDICATING DEVICE OR AS A SOAP BUBBLE DISPENSER
 • DISPOSITIF DE SIGNALISATION GONFLABLE, AIRBAG APPROPRIE, UTILISATION COMME DISPOSITIF D'INDICATION DE PANNE OU COMME DISTRIBUTEUR DE BULLES DE SAVON
 (71, 72) **LENKE, Michael** [DE/CH]; Schneitstrasse 16, CH-6315 Oberägeri (CH).
 (74) **KUHNEN & WACKER**; Prinz-Ludwig Strasse 40A, 85354 Freising (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G08B 17/12, 25/00**
 (11) **WO 2004/107289** (13) A1
 (21) PCT/ES2004/000249
 (22) **2 Jun/juin 2004 (02.06.2004)**
 (25) es (26) es
 (30) P200301365 **2 Jun/juin 2003 ES (02.06.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • SURVEILLANCE SYSTEM FOR EARLY DETECTION OF FIRES
 • SYSTEME DE SURVEILLANCE POUR LA DETECTION PRECOCE D'INCENDIES
 (71) **UNIVERSIDAD POLITECNICA DE VALENCIA** [ES/ES]; CTT-Edif. 11 y 12, Camino de Vera s/n, E-46022 VALENCIA (ES).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VERGARA DOMINGUEZ, Luis** [ES/ES]; Universidad Politécnica de Valencia, CTT-Edif. 11 y 12, Camino de Vera s/n, E-46022 VALENCIA (ES). **CARDONA MARCET, Narcís** [ES/ES]; Universidad Politécnica de Valencia, CTT-Edif. 11 y 12, Camino de Vera s/n, E-46022 VALENCIA (ES). **BOSCH ROIG, Ignacio** [ES/ES]; Universidad Politécnica de Valencia, CTT-Edif. 11 y 12, Camino de Vera s/n, E-46022 VALENCIA (ES). **LARREY RUIZ, Jorge** [ES/ES]; Univesidad Politécnica de Valencia, CTT-Edif. 11 y 12, Camino de Vera s/n, E-46022 VALENCIA (ES). **CATALÁN VALDELOMAR, Pedro** [ES/ES]; Universidad Politécnica de Valencia, CTT - Edif. 11 y 12, Camino de Vera s/n, E-460'22 VALENCIA (ES).
 (74) **DURAN ORTEGA, Sila**; Universidad Politécnica de Valencia, CTT- Edif. 11 y 12, Camino de Vera, E-46022 VALENCIA (ES).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G08B 5/00**
 (11) **WO 2004/107288** (13) A1
 (21) PCT/US2004/015771
 (22) **20 May/mai 2004 (20.05.2004)**
 (25) en (26) en
 (30) 10/444,788 **23 May/mai 2003 US (23.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • CELESTIAL OBJECT LOCATION DEVICE
 • DISPOSITIF DE LOCALISATION D'OBJETS ASTRONOMIQUES
 (71) **YAMCON, INC.** [US/US]; Suite 100, 6 Venture, Irvine, CA 92618 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72) **LEMP, Michael, III**; Suite 100, 6 Venture, Irvine, CA 92618 (US).
 (74) **CROCKETT, K., David**; Crockett & Crockett, Suite 400, 24012 Calle De La Plata, Laguna Hills, CA 92653 (US).
-
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G08B 25/00**
 (11) **WO 2004/107290** (13) A1
 (21) PCT/ES2003/000256
 (22) **29 May/mai 2003 (29.05.2003)**
 (25) es (26) es
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • ELECTRONIC EQUIPMENT FOR REMOTE MONITORING OF INSTALLATIONS
 • MATERIEL ELECTRONIQUE DE SUPERVISION D'INSTALLATIONS A DISTANCE
 (71) **TSK ELECTRÓNICA Y ELECTRICIDAD, S.A.** [ES/ES]; Avda. Pablo Iglesias, 15, 33205 GIJON (Asturias) (ES).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MONTES CASERO, Roberto** [ES/ES]; Urbanización Los Ablanos, 10, 33209 GIJON (Asturias) (ES).
 (74) **CARPINTERO LÓPEZ, Francisco**; Hertero & Asociados, S.I., Alcalá, 35, 28014 MADRID (ES).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G08G 5/04**
 (11) **WO 2004/107291** (13) A1
 (21) PCT/US2004/016302
 (22) **24 May/mai 2004 (24.05.2004)**
 (25) en (26) en
 (30) 10/446,526 **27 May/mai 2003 US (27.05.2003)**
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • EMBEDDED FREE FLIGHT OBSTACLE AVOIDANCE SYSTEM
 • SYSTEME D'EVITEMENT D'OBSTACLE DE VOL LIBRE ENCASTRE
 (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 - (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **TRAN, My** [US/US]; 5404 Chelwood Park Blvd., NE, Albuquerque, NM 87111 (US).
 (74) **HOIRIIS, David et al.** / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G09B 1/00

(11) WO 2004/107292 (13) A1

(21) PCT/US2003/015085

(22) 13 May/mai 2003 (13.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR MULTI-
SENSORY LEARNING
• PROCEDE ET DISPOSITIF
D'APPRENTISSAGE MULTISENSO-
RIEL

(71, 72) GOLDBERG, Karen [US/US]; 236 For-
est Avenue, Glen Ridge, NJ 07028 (US).

(72) EDWARDS, Ann; 9960 3rd, Avenue,
Brooklyn, NY 11209 (US).

(74) GREENSPAN, Myron et al. / etc.; Lacken-
bach Siegel LLP, One Chase Road, Scarsdale,
NY 10583 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G09B 9/00

(11) WO 2004/107293 (13) A1

(21) PCT/AU2004/000714

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 2003902632 28 May/mai 2003 AU
(28.05.2003)

(30) 2004901477 22 Mar/mar 2004 AU
(22.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF LESSON CONSTRUC-
TION AND TRAINING SYSTEM
• PROCEDE D'ELABORATION DE LE-
ÇONS ET SYSTEME DE FORMATION

(71) VISUAL VECTORING PTY LTD
[AU/AU]; 1/14 Meadow Crescent, Mont-
morency, Victoria 3094 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROWLAND, Ainslie [AU/AU]; 1/14
Meadow Crescent, Montmorency, Vic-
toria 3094 (AU). ROWLAND, Michael
[AU/AU]; 1/14 Meadow Crescent, Mont-
morency, Victoria 3094 (AU).

(74) GRIFFITH HACK; 10/167 Eagle Street,
Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G09F 3/02

(11) WO 2004/107294 (13) A2

(21) PCT/EP2004/005811

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312214.0 28 May/mai 2003 GB
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTINUOUS SELF-LAMINATING
LABELS
• ETIQUETTES CONTINUES A AUTO-
RECouvreMENT

(71) ESSELTE [BE/BE]; Industriepark - Noord
30, B-9100 St Niklaas (BE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAN BEVER, Mario [BE/BE]; Haze-
laarstraat 30, 9940 Evergem (BE).

(74) KELDA CAMILLA KAREN STYLE;
Page White & Farrer, 54 Doughty Street,
London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G09F 3/20, 3/02

(11) WO 2004/107295 (13) A2

(21) PCT/US2004/014614

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 03101558.9 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TWO-PART SECURITY STICKER AND
DOCUMENT SYSTEM THEREFOR
• VIGNETTE DE SECURITE EN DEUX
PARTIES ET SYSTEME DE RECUPE-
RATION DE DOCUMENTS ASSOCIE

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOLODZIE, Thomas, R. [DE/DE];
Carl-Schurz-Strasse 1, 41453 Neuss (DE).
KIRCHMEYER, Domenica [DE/DE];
Carl-Schurz-Strasse 1, 41453 Neuss (DE).
ERGOVIC, Mario [HR/HR]; Zitnjak bb, 10
000 Zagreb (HR).

(74) LILLY, James, V. et al. / etc.; Office of In-
tellectual Property Counsel, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G09F 9/00, H04N 5/64

(11) WO 2004/107296 (13) A1

(21) PCT/JP2004/007661

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-152530 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLAT TYPE IMAGE DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE D'IMAGES
DU TYPE ECRAN PLAT

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIZUNO, Akira ESAKI, Masayuki

(74) IWAHASHI, Fumio et al. / etc.; c/o Mat-
sushita Electric Industrial Co., Ltd., 1006,
Oaza Kadoma, Kadoma-shi, Osaka 5718501
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ

- TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G09F 9/30
- (11) WO 2004/107297 (13) A1
- (21) PCT/JP2004/006690
- (22) 12 May/mai 2004 (12.05.2004)
- (25) ja (26) ja
- (30) 2003-152403 29 May/mai 2003 JP
(29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRANSPARENT FILM FOR DISPLAY
SUBSTRATE, DISPLAY SUBSTRATE
USING THE FILM AND METHOD OF
MANUFACTURING THE SAME, LIQ-
UID CRYSTAL DISPLAY, ORGANIC
ELECTROLUMINESCENCE DIS-
PLAY, AND TOUCH PANEL
- FILM TRANSPARENT POUR SUB-
STRAT D'AFFICHAGE, SUBSTRAT
D'AFFICHAGE UTILISANT LEDIT
FILM ET PROCEDE DE FABRICATION
CORRESPONDANT, AFFICHEUR A
CRISTAUX LIQUIDES, AFFICHEUR
ORGANIQUE A ELECTROLUMINES-
CENCE, ET ECRAN TACTILE
- (71) KONICA MINOLTA HOLDINGS, INC.
[JP/JP]; 6-1, Marunouchi 1-chome, Chiy-
oda-ku, Tokyo 100-0005 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) OKUBO, Yasushi [JP/JP]; c/o Kon-
ica Minolta Photo, Imaging, Inc., 1,
Sakura-machi, Hino-shi, Tokyo 191-8511
(JP). KIYOHARA, Kazuto [JP/JP]; c/o
Konica Minolta Photo, Imaging, Inc., 1,
Sakura-machi, Hino-shi, Tokyo 191-8511
(JP). KAWABE, Satomi [JP/JP]; c/o
Konica Minolta Photo, Imaging, Inc., 1,
Sakura-machi, Hino-shi, Tokyo 191-8511
(JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G09F 9/37, G02B 26/02
- (11) WO 2004/107298 (13) A1
- (21) PCT/IB2004/050695
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 10/447,469 28 May/mai 2003 US
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (25) en (26) en
- (30) 03101481.4 22 May/mai 2003 EP
(22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LINE-AT-A-TIME FOIL DISPLAY
- DISPOSITIF D'AFFICHAGE A
FEUILLE A ADRESSAGE LIGNE PAR
LIGNE
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) VAN GORKOM, Ramon, P. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). DUINE, Peter, A. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). SCHOELLMANN, Volker [DE/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). LANGE, Ruediger, J. [DE/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). DE ZWART, Siebe, T. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL).
- (74) ROLFES, Johannes, G., A.; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
- (s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)
- (t) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
-
- (51)⁷ G09F 11/02
- (11) WO 2004/107299 (13) A1
- (21) PCT/US2004/016596
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 10/447,469 28 May/mai 2003 US
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A RELIABLE, ROTATING, ILLUMI-
NATED ADVERTISING UNIT
- UNITE PUBLICITAIRE ECLAIREE,
ROTATIVE ET FIABLE
- (71) FUEL CELL COMPONENTS & INTE-
GRATORS, INC. [US/US]; 933 Motor Park-
way, Hauppauge, NY 11788 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72) RACHOWITZ, Bernard, I.; 28 Lloyd
Lane, Lloyd Neck, NY 11743 (US). MAS-
COLO, Anthony; 202 Bryant Street, Islip
Terrace, NY 11752 (US). BENOIT, Robert;
49 Chatham Drive, Oakdale, NY 11769 (US).
LERNER, Joseph; 4 Knight Lane, Kings
Park, NY 11769 (US).
- (74) LEVY, Mark; Mark Levy & Associates, 19
Chenango St., Binghamton, NY 13901 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G09F 21/02
- (11) WO 2004/107300 (13) A1
- (21) PCT/US2003/015716
- (22) 15 May/mai 2003 (15.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LIFE SIZE MOBILE ADVERTISING

- PUBLICITE MOBILE EN GRANDEUR NATURE
- (71) **KJ LEASING, INC.** [US/US]; 420 McKinley Street, Suite 111-413, Corona, CA 92879 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KERESTIC, Donne** [US/US]; 759 Lassen Dr., Corona Hills, CA 92879 (US).
- (74) **RUTAN & TUCKER LLP**; 611 Anton Blvd., Suite 1400, Costa Mesa, CA 92626 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

- (51)⁷ **G09G 3/14, H04N 7/14**
- (11) **WO 2004/107301** (13) A1
- (21) PCT/FI2004/050061
- (22) **13 May/mai 2004 (13.05.2004)**
- (25) fi (26) en
- (30) 20035076 **30 May/mai 2003 FI (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PHOTOELECTRIC ELEMENT AND TERMINAL EQUIPMENT INCLUDING A PHOTOELECTRIC ELEMENT
- ELEMENT PHOTOELECTRIQUE ET EQUIPEMENT TERMINAL COMPRENANT UN ELEMENT PHOTOELECTRIQUE
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHRODERUS, Osmo** [FI/FI]; Taipaleentie 19, FI-44280 Sumiainen (FI).
- (74) **KESPAT OY**; P.O. Box 601, FI-40101 Jyväskylä (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

- (51)⁷ **G09G 3/20**
- (11) **WO 2004/107302** (13) A1
- (21) PCT/IB2004/001706
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 0312161.3 **28 May/mai 2003 GB (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ACTIVE MATRIX DISPLAY DEVICE
- DISPOSITIF D'AFFICHAGE A MATRICE ACTIVE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KNAPP, Alan, G.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (74) **WILLIAMSON, Paul, L.**; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ **G09G 3/20, 3/30**
- (11) **WO 2004/107303** (13) A1
- (21) PCT/JP2004/007244
- (22) **20 May/mai 2004 (20.05.2004)**
- (25) ja (26) ja
- (30) 2003-151021 **28 May/mai 2003 JP (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)

- (54) • CURRENT SUPPLY CIRCUIT AND DISPLAY DEVICE HAVING THE CURRENT SUPPLY CIRCUIT
- CIRCUIT D'ALIMENTATION EN COURANT ET DISPOSITIF D'AFFICHAGE COMPRENANT LE CIRCUIT D'ALIMENTATION EN COURANT
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOKIOKA, Hidetada** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). **AGARI, Masafumi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). **HASHIDO, Ryuichi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). **OKABE, Masashi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
- (74) **FUKAMI, Hisao et al.** / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka, 5300054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G09G 3/22, 3/32**
- (11) **WO 2004/107304** (13) A1
- (21) PCT/US2004/014602
- (22) **10 May/mai 2004 (10.05.2004)**
- (25) en (26) en
- (30) 10/443,557 **21 May/mai 2003 US (21.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SELECTIVE WINDOW DISPLAY
- AFFICHEUR DE FENETRES SELECTIF
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **NGUYEN, Don**; 16960 NW Skyline Boulevard, Portland, OR 97231 (US).
- (74) **MALLIE, Michael, J. et al.** / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/34

(11) WO 2004/107305 (13) A1

(21) PCT/IB2004/050745

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101609.0 3 Jun/juin 2003 EP (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTROPHORETIC DISPLAY UNIT • UNITE D’AFFICHAGE ELECTROPHORETIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHOU, Guofu [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DELNOIJ, Roger, P., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DE KAMER, Johannes, P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). AILENEI, Neculai [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOHNSON, Mark, T. [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G09G 3/34

(11) WO 2004/107306 (13) A1

(21) PCT/IB2004/050747

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101585.2 2 Jun/juin 2003 EP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DRIVING CIRCUIT AND DRIVING METHOD FOR AN ELECTROPHORETIC DISPLAY • CIRCUIT ET PROCÉDE DE COMMANDE POUR UN AFFICHAGE ELECTROPHORETIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHOU, Guofu [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DUINE, Peter, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOHNSON, Mark, T. [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). AILENEI, Neculai [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G09G 3/34

(11) WO 2004/107307 (13) A1

(21) PCT/IB2004/050748

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101588.6 2 Jun/juin 2003 EP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTROPHORETIC DISPLAY PANEL • PANNEAU D’AFFICHAGE ELECTROPHORETIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHOU, Guofu [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). YASUI, Masaru [JP/JP]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOHNSON, Mark, T. [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G09G 5/00, 5/30

(11) WO 2004/107308 (13) A1

(21) PCT/US2003/015379

(22) 15 May/mai 2003 (15.05.2003)

(25) en (26) en

(30) 10/434,850 9 May/mai 2003 US (09.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR HOSTING GRAPHICAL LAYOUT/PRESENTATION OBJECTS • SYSTEME D’HEBERGEMENT D’OBJETS DE PRESENTATION/IMPLANTATION GRAPHIQUE

(71) MICROSOFT CORPORATION [US/US]; 1 Microsoft Way, Redmond, WA 98052 (US).

(72) PARIKH, Sujal, S.; 10804 180th Ct. NE, Redmond, WA 98052 (US). TITOV, Dmitry; 10401 180th Ct. NE, Redmond, WA 98052

- (US). **OVETCHKINE, Oleg**; 11317 NE 117th Street, Kirkland, WA 98034 (US). **LETT, Gregory**; 4050 W. Lk. Samm Pkwy NE #3, Redmond, WA 98052 (US). **ZYG-MUNT, Grzegorz**; 417 226th Lane NE, Sammamish, WA 98074 (US). **NEWMAN, Debbie, A.**; 15307 NE 66th Ct., Redmond, WA 98052 (US).
- (74) **JOY, Mark et al.** / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G09G 5/08**
- (11) **WO 2004/107309** (13) A1
- (21) PCT/US2003/013403
- (22) **12 May/mai 2003 (12.05.2003)**
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **HAND-HELD TRACKBALL COMPUTER POINTING DEVICE**
- **DISPOSITIF DE POINTAGE A BOULE DE COMMANDE TENU DANS LA MAIN**
- (71, 72) **DELLINGER, Terry, L.** [US/US]; 909 Hampton Trail, Lilburn, GA 30247 (US).
- (74) **HARRIS, Sonya, C.**; P.O. Box 42118, Fredericksburg, VA 22404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G09G 5/26**
- (11) **WO 2004/107310** (13) A1
- (21) PCT/JP2004/007275
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) ja (26) ja
- (30) 2003-153322 **29 May/mai 2003 JP (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **CHARACTER GRAPHIC DISPLAY DEVICE, CHARACTER GRAPHIC**
- DISPLAY METHOD, PROGRAM AND RECORDING MEDIUM**
- **DISPOSITIF ET PROCEDE D'AFFICHAGE DE CARACTERE/GRAPHIQUE, PROGRAMME ET SUPPORT D'ENREGISTREMENT**
- (71) **SHARP KABUSHIKI KAISHA [JP/JP]**; 22-22, Nagaikicho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASAI, Yoshimi [JP/JP]**; 18-28-408, Abenotomomachi, Abeno-ku, Osaka-shi, Osaka 545-0034 (JP). **KOYAMA, Noriyuki [JP/JP]**; 4-19-14, Seikadai, Seikacho, Soraku-gun, Kyoto 619-0238 (JP).
- (74) **YAMAMOTO, Shusaku et al.** / etc.; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G10D 3/00, 3/04, 3/10, 3/12, 3/14, 3/18, G10C 3/12, G10D 1/00, 7/00, 9/02, 9/04, C22C 14/00, C23C 30/00**
- (11) **WO 2004/107311** (13) A1
- (21) PCT/AT2004/000186
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) de (26) de
- (30) GM 377/2003 **28 May/mai 2003 AT (28.05.2003)**
- (30) GM 384/2003 **2 Jun/juin 2003 AT (02.06.2003)**
- (30) GM 382/2003 **2 Jun/juin 2003 AT (02.06.2003)**
- (30) GM 379/2003 **2 Jun/juin 2003 AT (02.06.2003)**
- (30) GM 381/2003 **2 Jun/juin 2003 AT (02.06.2003)**
- (30) GM 388/2003 **4 Jun/juin 2003 AT (04.06.2003)**
- (30) GM 389/2003 **4 Jun/juin 2003 AT (04.06.2003)**
- (30) GM 409/2003 **12 Jun/juin 2003 AT (12.06.2003)**
- (30) GM 410/2003 **12 Jun/juin 2003 AT (12.06.2003)**
- (30) GM 494/2003 **10 Jul/juil 2003 AT (10.07.2003)**
- (30) GM 555/2003 **13 Aug/août 2003 AT (13.08.2003)**
- (30) GM 556/2003 **13 Aug/août 2003 AT (13.08.2003)**
- (30) GM 558/2003 **13 Aug/août 2003 AT (13.08.2003)**
- (30) GM 557/2003 **13 Aug/août 2003 AT (13.08.2003)**
- (30) GM 554/2003 **13 Aug/août 2003 AT (13.08.2003)**
- (30) GM 563/2003 **18 Aug/août 2003 AT (18.08.2003)**
- (30) GM 565/2003 **18 Aug/août 2003 AT (18.08.2003)**
- (30) GM 564/2003 **18 Aug/août 2003 AT (18.08.2003)**
- (30) GM 578/2003 **20 Aug/août 2003 AT (20.08.2003)**
- (30) GM 579/2003 **20 Aug/août 2003 AT (20.08.2003)**
- (30) A 2104/2003 **30 Dec/déc 2003 AT (30.12.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **ACCESSORIES OR ACTUATING ELEMENTS FOR, OR COMPONENTS OF, MUSICAL INSTRUMENTS**
- **ACCESSOIRES OU ELEMENTS D'ACTIONNEMENT POUR INSTRUMENTS DE MUSIQUE OU ELEMENTS CONSTITUTIFS DE CES DERNIERS**
- (71) **ANTON PAAR GMBH [AT/AT]**; Kärntnerstrasse 322, A-8054 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÖRTH, Marlene [AT/AT]**; Präbächweg 42, A-8301 Lassnitzhöhe (AT).
- (74) **WILDHACK, Helmut et al.** / etc.; Landstrasser Hauptstrasse 50, A-1030 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G10K 11/00**
- (11) **WO 2004/107312** (13) A2
- (21) PCT/NL2004/000385
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) nl (26) en
- (30) 1023559 **28 May/mai 2003 NL (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **SEMIMANUFACTURE INTENDED TO BE MOUNTED ON A VIBRATING WALL OR A VIBRATING PANEL FOR ACTIVELY DAMPING VIBRATIONS OF THE WALL, WALL OR PANEL PROVIDED WITH SUCH A SEMIMANUFACTURE, SYSTEM PROVIDED WITH A SEMIMANUFACTURE AND**

A CONTROL UNIT, WALL OR PANEL PROVIDED WITH A CONTROL UNIT AND METHOD FOR DAMPING AUDIBLE VIBRATIONS OF A

- PRODUIT SEMI-FINI DESTINE A ETRE MONTE SUR UNE PAROI VIBRANTE OU SUR UN PANNEAU VIBRANT AFIN D'AMORTIR ACTIVEMENT LES VIBRATIONS DE LA PAROI, PAROI OU PANNEAU PRESENTANT LEDIT PRODUIT SEMI-FINI, SYSTEME PRESENTANT UN PRODUIT SEMI-FINI ET UNE UNITE DE COMMANDE, PAROI OU PANNEAU PRESENTANT UNE UNITE DE COMMANDE ET PROCEDE D'A

(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE GOEJE, Marius, Pieter [NL/NL]; De Vriesstraat 6, NL-2613 CB Delft (NL). VAN OVERBEEK, Michiel, Wilbert, Rombout, Maria [NL/NL]; Blekersdijk 75, NL-3311 LD Dordrecht (NL). VAN DER WAAL, Adri [NL/NL]; Morgental 12, NL-5301 ZP Zaltbommel (NL). BERKHOFF, Arthur, Perry [NL/NL]; Bastinglaan 133, NL-7006 EY Doetinchem (NL). NEDERVEEN, Peter, Jacobus [NL/NL]; Adriaanalaan 311, NL-3053 JA Rotterdam (NL).

(74) WINCKELS, J.H.F.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10K 11/16

(11) WO 2004/107313 (13) A1

(21) PCT/JP2004/007639

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-151871 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- SOUND INSULATION/ABSORPTION STRUCTURE, AND STRUCTURE HAVING THESE APPLIED THERETO

- STRUCTURE D'ISOLATION/ABSORPTION, ET STRUCTURE COMPRENANT CELLE-CI

(71) RION CO., LTD. [JP/JP]; 20-41, Higashi-motomachi 3-chome, Kokubunji-shi, Tokyo 1858533 (JP). KOBAYASHI INSTITUTE OF PHYSICAL RESEARCH

[JP/JP]; 20-41, Higashi-motomachi 3-chome, Kokubunji-shi, Tokyo 1858533 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KODAMA, Hidekazu [JP/JP]; c/o RION CO., LTD., 20-41, Higashi-motomachi 3-chome, Kokubunji-shi, Tokyo 1858533 (JP). DATE, Munehiro [JP/JP]; c/o RION CO., LTD., 20-41, Higashi-motomachi 3-chome, Kokubunji-shi, Tokyo 1858533 (JP). MOKRY, Pavel [JP/JP]; c/o Kobayashi Institute of Physical Research, 20-41, Higashi-motomachi 3-chome, Kokubunji-shi, Tokyo 1858533 (JP). KIMURA, Kazunori [JP/JP]; c/o Kobayashi Institute of Physical Research, 20-41, Higashi-motomachi 3-chome, Kokubunji-shi, Tokyo 1858533 (JP). OKUBO, Tomonao [JP/JP]; c/o Kobayashi Institute of Physical Research, 20-41, Higashi-motomachi 3-chome, Kokubunji-shi, Tokyo 1858533 (JP). FUKADA, Eiichi [JP/JP]; c/o Kobayashi Institute of Physical Research, 20-41, Higashi-motomachi 3-chome, Kokubunji-shi, Tokyo 1858533 (JP).

(74) KOYAMA, Yuu; Shuwa Kioicho TBR Bldg. Suite 922, 5-7 Kojimachi, Chiyoda-ku, Tokyo 1020083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10K 11/168, B32B 5/26

(11) WO 2004/107314 (13) A1

(21) PCT/EP2004/005652

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 10324257.0 28 May/mai 2003 DE (28.05.2003)

(30) 10/747,763 29 Dec/déc 2003 US (29.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- SOUND ABSORBENT
- ISOLANT ACOUSTIQUE

(71) CLION IRELAND LTD. [IE/IE]; Newton, Waterford (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELLER, Hans-Peter [CH/CH]; Buchserstrasse 8, CH-5034 Suhr (CH). SCHNEIDER, Marco [DE/DE]; Malvenweg 8, 44289 Dortmund (DE). DÖHRING, Olaf [DE/DE]; Betenstrasse 14, 44137 Dortmund (DE). MORRIS-KIRBY, Rod [GB/GB]; 90 Somers Road, Warwickshire CV227DH (GB). NICOLAI, Norbert [DE/DE]; Kirchstrasse 67a, 46514 Schermbeck (DE). DORIS, Colm [IE/IE]; 14 Berkeley Court, Maypark Village, Waterford (IE).

(74) JÖNSSON, Hans-Peter; von Kreisler Seltling Werner, Bahnhofsvorplatz 1, 50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G10L 15/00

(11) WO 2004/107315 (13) A2

(21) PCT/EP2004/050831

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/452,429 2 Jun/juin 2003 US (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- ARCHITECTURE FOR A SPEECH INPUT METHOD EDITOR FOR HANDHELD PORTABLE DEVICES

- ARCHITECTURE D'EDITEUR DE PROCEDE D'ENTREE VOCALE POUR DISPOSITIF PORTABLE A MAIN

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) COMMARFORD, Patrick [US/US]; 292 Coral Trace Court, Delray Beach, Florida 33445 (US). DE ARMAS, Mario [US/US]; 1909 Grantham Court, Wellington, Florida 33414 (US). LEWIS, Burn [US/US]; 275 Chadeayne Road, Ossining, New York 10562 (US). LEWIS, James [US/US]; 4000 Majestic Palm Way, Delray Beach, Florida 33445 (US).

(74) WALDNER, Philip; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G10L 19/00, G06T 1/00, G11B 20/00

(11) WO 2004/107316 (13) A2

(21) PCT/IB2004/050744

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101546.4 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BIT-STREAM WATERMARKING

• IMPLANTATION D'UN FILIGRANE
DANS UN FLUX BINAIRE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAN DER VEEN, Minne [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). LEMMA, Aweke, N. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). BRUEKERS, Alphons, A., M., L.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) SCHMITZ, Herman, J., R.; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ G10L 19/00

(11) WO 2004/107317 (13) A1

(21) PCT/IB2004/050759

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 03101546.4 28 May/mai 2003 EP
(28.05.2003)

(30) 03101883.1 25 Jun/juin 2003 EP
(25.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AND METHOD FOR EM-
BEDDING A WATERMARK USING
SUB-BAND FILTERING

• APPAREIL ET PROCEDE
D'IMPLANTATION D'UN FILIGRANE
FAISANT APPEL AU FILTRAGE DE
SOUS-BANDES

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAN DER VEEN, Minne [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). LEMMA, Aweke, N. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). BRUEKERS, Alphons, A., M., L.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) SCHMITZ, Herman, J., R.; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ G10L 19/14, 11/02

(11) WO 2004/107318 (13) A1

(21) PCT/IB2003/002336

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AUDIO CODING

• CODAGE AUDIO

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAN DE PAR, Steven, L., J., D., E.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656

AA Eindhoven (NL). SKOWRONEK, Jan,
J. [DE/DE]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.;
Philips Intellectual Property & Standards,
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G10L 21/02

(11) WO 2004/107319 (13) A1

(21) PCT/JP2004/007587

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-154964 30 May/mai 2003 JP
(30.05.2003)

(30) 2003-167118 11 Jun/juin 2003 JP
(11.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR REMOV-
ING KNOWN ACOUSTIC SIGNAL

• PROCEDE ET DISPOSITIF PERMET-
TANT DE SUPPRIMER UN SIGNAL
ACOUSTIQUE CONNU

(71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE AND
TECHNOLOGY [JP/JP]; 3-1, Kasumi-
gaseki 1-chome, Chiyoda-ku Tokyo 1008921
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOTO, Masataka [JP/JP]; c/o National
Institute of Advanced Industrial Science and
Technology Tsukuba Central 2, 1-1, Umezono
1-chome, Tsukuba-shi Ibaraki 3058568 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B

(11) WO 2004/107320 (13) A2

(21) PCT/US2004/016081

- (22) 21 May/mai 2004 (21.05.2004)
 (25) en (26) en
 (30) 60/472,885 23 May/mai 2003 US (23.05.2003)
 (30) 10/850,990 20 May/mai 2004 US (20.05.2004)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • METHOD AND SYSTEM FOR SOURCE TAGGING AN OPTICAL STORAGE DEVICE
 • PROCEDE ET SYSTEME D'ETIQUETAGE ELECTRONIQUE A LA SOURCE D'UN DISPOSITIF DE STOCKAGE OPTIQUE
 (71) ENXNET, INC. [US/US]; 1723 S. Boston Avenue, Tulsa, OK 74119 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) CORLEY, Ryan [US/US]; P.O. Box 140021, Austin, TX 78714 (US). PEMPSELL, MARK [US/US]; 9612 Mariner Circle #3208, Fort Worth, TX 76179 (US). HANSEN, Erick [US/US]; 24004 Hampton Drive, Unit B, Valencia, CA 91355 (US).
 (74) BEATON, Thomas, A.; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G11B
 (11) WO 2004/107321 (13) A2
 (21) PCT/US2004/016811
 (22) 28 May/mai 2004 (28.05.2004)
 (25) en (26) en
 (30) 60/473,460 28 May/mai 2003 US (28.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • HIGH DENSITY OPTICAL DATA STORAGE
 • STOCKAGE DE DONNEES OPTIQUE A DENSITE ELEVEE
 (71) TUFTS UNIVERSITY [US/US]; 136 Harrison Street, Boston, MA 02111 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WALT, David, R. [US/US]; 4 Candlewick Close, Lexington, MA 02421 (US).
 (74) FASSE, Peter, J.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G11B 5/00, 5/74, 5/82, 5/012, 5/02
 (11) WO 2004/107323 (13) A1
 (21) PCT/US2003/016909
 (22) 29 May/mai 2003 (29.05.2003)
 (25) en (26) en
 (30) 10/447,290 29 May/mai 2003 US (29.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • SYSTEMS AND METHODS UTILIZING NATURAL LANGUAGE MEDICAL RECORDS
 • SYSTEMES ET PROCEDES UTILISANT DES ENREGISTREMENTS MEDICAUX EN LANGAGE NATUREL
 (71) DICTAPHONE CORPORATION [US/US]; 3191 Broadbridge Avenue, Stratford, CT 06614-2559 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) BOONE, Keith, W. [US/US]; 17 Norway Avenue, Randolph, MA 02368 (US). CARUS, Alwin, B. [US/US]; 20 East Quinobequin, Waban, MA 01890 (US). DEPLONTY, Thomas, J., III [US/US]; 12 Beaumont Street, Melrose, MA 02176 (US). HOPKINS, Jeffrey, G. [US/US]; 2 Floxwood Drive, Lincoln, RI 02865 (US). OGRINC, Harry, J. [US/US]; 28 Pleasant Hill Street, Westwood, MA 02090 (US). REGGIE, Susan [US/US]; 35D Hillside Terrace, White Plains, NY 10601 (US). TITMORE, Robert, G. [US/US]; 80 Fifer Lane, Lexington, MA 02420 (US).
 (74) BELL, Michael, J. et al. / etc.; Howrey Simon Arnold & White, LLP, 2941 Fairview Park Drive, Box 7, Falls Church, VA 22042 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 7/00, 7/007, 7/013
 (11) WO 2004/107324 (13) A1
 (21) PCT/EP2004/050923
 (22) 26 May/mai 2004 (26.05.2004)
 (25) fr (26) fr
 (30) 03/6688 3 Jun/juin 2003 FR (03.06.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • MULTI-TRACK OPTICAL DISC READER/RECORDER
 • LECTEUR/ENREGISTREUR DE DISQUE OPTIQUE MULTIPISTE
 (71) THALES [FR/FR]; 45, rue de Villiers, F-92200 Neuilly sur Seine (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LEHUREAU, Jean-Claude [FR/FR]; THALES Intellectual Property, 31-33, Avenue Aristide Briand, F-94117 Arcueil (FR).
 (22) 29 May/mai 2003 (29.05.2003)
 (25) en (26) en
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • PATTERNED MEDIA FOR HEAT ASSISTED MAGNETIC RECORDING
 • SUPPORT STRUCTURE DESTINE A UN ENREGISTREMENT MAGNETIQUE AVEC ASSISTANCE THERMIQUE
 (71) SEAGATE TECHNOLOGY LLC [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
 (72) SENDUR, Ibrahim, K.; 6317 Marchand Avenue, Apt. 2, Pittsburgh, PA 15206 (US). CHALLENGER, William, A.; 104 Witherow Road, Sewickley, PA 15143 (US). PENG, Chubing; 450 Stevens Drive, Apt. 304, Pittsburgh, PA 15237 (US).
 (74) BORDAS, Carol, I.; Seagate Technology LLC, 1251 Waterfront Place, Pittsburgh, PA 15222 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
 (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(74) NGUYEN VAN YEN, Christian et al. / etc.; THALES Intellectual Property, 31-33, Avenue Aristide Briand, F-94117 Arceuil (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/00

(11) WO 2004/107325 (13) A2

(21) PCT/EP2004/005245

(22) 15 May/mai 2004 (15.05.2004)

(25) en (26) en

(30) 03011891.3 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIGITAL PARTIAL RESPONSE ASYMMETRY COMPENSATION
• COMPENSATION D'UNE ASYMETRIE DE REPONSE NUMERIQUE PARTIELLE

(71) THOMSON LICENSING S.A. [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FENG, Qilong [CN/DE]; Färberstr. 8, 78050 Villingen-Schwenningen (DE). KABUTZ, Marten [ZA/DE]; Tirolerstr. 23, 78052 Villingen-Schwenningen (DE).

(74) THIES, Stephan; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/00

(11) WO 2004/107326 (13) A2

(21) PCT/IB2004/050802

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 03101589.4 2 Jun/juin 2003 EP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONDITIONAL ACCESS TO STORE CONTENT USING NON-STANDARD MEDIA

• ACCES CONDITIONNEL PERMETTANT LA MEMORISATION DE CONTENUS A L'AIDE DE SUPPORTS NON NORMALISES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EBERDORFER, Wolfgang [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).

(74) RÖGGLA, Harald; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/125

(11) WO 2004/107327 (13) A1

(21) PCT/JP2004/003529

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-150354 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INFORMATION RECORDING METHOD FOR RECORDING MULTINARY DATA IN OPTIMAL RECORDING CONDITION

• PROCEDE D'ENREGISTREMENT D'INFORMATION PERMETTANT L'ENREGISTREMENT DE DONNEES MULTINAIRES DANS DES CONDITIONS D'ENREGISTREMENT OPTIMALES

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKEUCHI, Kohji [JP/JP]; 43-5-202, Higashinaruse, Isehara-shi, Kanagawa 2591117 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0065, 7/26, G03H 1/02

(11) WO 2004/107328 (13) A1

(21) PCT/JP2003/006831

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPTICAL DISC RECORDING MEDIUM AND PROCESS FOR PRODUCING THE SAME

• SUPPORT D'ENREGISTREMENT A DISQUE OPTIQUE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) MEMORY-TECH CORPORATION [JP/JP]; 2193, Miyago, Akeno-machi, Makabe-gun, Ibaraki 300-4503 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORIMAI, Hideyoshi [JP/JP]; c/o Optware Corporation, 7th Floor, Nisso 13th Bldg., 2-5-1, Shinyokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). KINOSHITA, Masaharu [JP/JP]; c/o Optware Coporation, 7th Floor, Nisso 13th Bldg., 2-5-1, Shinyokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). TANAKA, Yoshinobu [JP/JP]; c/o Memory-Tech Corporation, 2193, Miyago, Akeno-machi, Makabe-gun, Ibaraki 300-4503 (JP). TAKATANI, Yoshihiro [JP/JP]; c/o Memory-Tech Corporation, 2193, Miyago, Akeno-machi, Makabe-gun, Ibaraki 300-4503 (JP).

(74) ITAMI, Masaru; 301, Daini-Seikoh Bldg., 2-11, Kudan-kita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G11B 7/24, 7/26

(11) WO 2004/107329 (13) A1

(21) PCT/IB2004/001710

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03300020.9 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTI-STACK OPTICAL STORAGE MEDIUM

• MILIEU OPTIQUE DE STOCKAGE A PILES MULTIPLES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTENS, Hubert** [NL/NL]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). **VLUTTERS, Ruud** [NL/NL]; c/o Société Civile SPID, 156 Bd Haussmann, F-75008 Paris (FR).

(74) **CHAFFRAIX, Jean**; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G11B 7/24, 7/0045

(11) WO 2004/107330 (13) A1

(21) PCT/IB2004/050735

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03101566.2 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPTICAL RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT OPTIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIKMET, Rifat, A., M.** [CY/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **UITTENBOGAARD, Frank**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G11B 7/24

(11) WO 2004/107331 (13) A1

(21) PCT/JP2004/007796

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-155691 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPTICAL DISC

• DISQUE OPTIQUE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSHIMA, MitsukiHINO, Yasumori**

(74) **YAMAMOTO, Shusaku** et al. / etc.; Fifteenth Floor, Crystal Tower, 2-27, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 5406015 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/24, 7/0037

(11) WO 2004/107332 (13) A1

(21) PCT/KR2004/001321

(22) 3 Jun/juin 2004 (03.06.2004)

(25) en (26) en

(30) 10-2003-0035523 3 Jun/juin 2003 KR (03.06.2003)

(30) 10-2003-0040353 20 Jun/juin 2003 KR (20.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HIGH-DENSITY RECORDING MEDIUM AND RECORDING AND/OR REPRODUCING DEVICE THEREFOR

• SUPPORT D'ENREGISTREMENT A HAUTE DENSITE ET DISPOSITIF D'ENREGISTREMENT ET/OU DE REPRODUCTION CORRESPONDANT

(71) **LG Electronics Inc.** [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Jin Yong** [KR/KR]; 109-602, Seonkyung Apt., Yatap-dong, Bundang-gu, Seongnam, Kyunggi-do 463-928 (KR). **PARK, Kyung Chan** [KR/KR]; 75-201, Hyundai Apt., Apgujung-dong, Kangnam-gu, Seoul 135-110 (KR).

(74) **PARK, Lae Bong**; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/26, 7/24, 23/40

(11) WO 2004/107333 (13) A1

(21) PCT/JP2004/004838

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-155599 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INK JET-USE RECEPTIVE LAYER FORMING METHOD AND DEVICE, AND DISK FORMED WITH INK JET-USE RECEPTIVE LAYER

• PROCEDE ET DISPOSITIF DE FORMATION DE COUCHE RECEPTIVE POUR L'UTILISATION DE JET D'ENCRE, ET DISQUE FORME AVEC LA COUCHE RECEPTIVE POUR L'UTILISATION DE JET D'ENCRE

(71) **DAINIPPON INK AND CHEMICALS, INC.** [JP/JP]; 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 (JP). **ASAHI GLASS CO., LTD.** [JP/JP]; 1-12-1, Yurakucho, Chiyoda-ku, Tokyo 100-8405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EBISAWA, Shoei** [JP/JP]; 3-1-39, Miyaji, Konosu-shi, Saitama 365-0075 (JP). **MATSUMOTO, Masaaki** [JP/JP];

- 1-6-33-102, Izumi, Okegawa-shi, Saitama 363-0021 (JP). **TSUNEMATSU, Norio** [JP/JP]; 210, Tomiyoshi Co-op, 12-8, Midorigaoka 4-chome, Ageo-shi, Saitama 362-0015 (JP). **FUJII, Hiroyuki** [JP/JP]; c/o Asahi Glass Co., Ltd., 10, Goikaigan, Ichihara-shi, Chiba 290-8566 (JP). **YOKOTA, Nobuyuki** [JP/JP]; c/o Asahi Glass Co., Ltd., 10, Goikaigan, Ichihara-shi, Chiba 290-8566 (JP).
- (74) **SHIGA, Masatake et al. / etc.**; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 7/26, 7/0065, G03H 1/02**
- (11) **WO 2004/107334** (13) A1
- (21) PCT/JP2004/006911
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) ja (26) ja
- (30) 2003-150734 **28 May/mai 2003 JP (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **HOLOGRAPHIC RECORDING MEDIUM MANUFACTURING METHOD**
• **PROCEDE DE FABRICATION DE SUPPORT D'ENREGISTREMENT HOLOGRAPHIQUE**
- (71) **KONICA MINOLTA MEDICAL & GRAPHIC, INC.** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).
- (72) **TAKEYAMA, Toshihisa**; c/o Konica Minolta Medical & Graphic, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 7/26, B24B 37/00**
- (11) **WO 2004/107335** (13) A1
- (21) PCT/JP2004/007389
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) ja (26) ja
- (30) 2003-152702 **29 May/mai 2003 JP (29.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **STAMPER SUBSTRATE AND PROCESS FOR PRODUCING THE SAME**
• **SUBSTRAT D'ESTAMPEUR ET SON PROCEDE DE FABRICATION**
- (71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KATSUKI, Futoshi** [JP/JP]; c/o SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP). **FUKUI, Kunihiko** [JP/JP]; c/o SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP). **KURODA, Atsuhiko** [JP/JP]; c/o SUMITOMO METALS (NAOETSU), LTD., 12-1, Minatocho 2-chome, Jyoetsu-shi, Niigata 9428510 (JP).
- (74) **KOHNO, Takao**; KOHNO PATENT OFFICE, 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi, Osaka 5400035 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 11/105, 5/02**
- (11) **WO 2004/107336** (13) A1
- (21) PCT/JP2003/006865
- (22) **30 May/mai 2003 (30.05.2003)**
- (25) ja (26) ja
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **MAGNETO-OPTICAL HEAD AND MAGNETO-OPTICAL STORAGE DEVICE**
• **TETE MAGNETO-OPTIQUE ET DISPOSITIF MAGNETO-OPTIQUE DE STOCKAGE**
- (71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KANTO, Nobuyuki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **MATSUMOTO, Tsuyoshi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **YAMADA, Masaki et al. / etc.**; KOSUGI & YAMADA, Pelican Building 4th Floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) JP US.
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- (51)⁷ **G11B 17/22**
- (11) **WO 2004/107337** (13) A1
- (21) PCT/JP2003/006863
- (22) **30 May/mai 2003 (30.05.2003)**
- (25) ja (26) ja
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **OPTICAL INFORMATION STORAGE DEVICE AND OPTICAL INFORMATION STORAGE SYSTEM**
• **DISPOSITIF ET SYSTEME DE STOCKAGE D'INFORMATIONS**
- (71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOBAYASHI, Hiroki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **YAMADA, Masaki et al. / etc.**; Kosugi & Yamada, Pelican Building 4th Floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 20/10, 20/18**
- (11) **WO 2004/107338** (13) A1
- (21) PCT/IB2004/001532
- (22) **6 May/mai 2004 (06.05.2004)**
- (25) en (26) en
- (30) 03405394.2 **30 May/mai 2003 EP (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **DATA STORAGE SYSTEMS**
• **SYSTEMES DE STOCKAGE DE DONNEES**
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CIDECIYAN, Roy, D.** [CH/CH]; Loost-rasse 15, CH-8803 Rueschlikon (CH). **DHOLAKIA, Ajay** [IN/CH]; Obstgartenstrasse

- 16, CH-8136 Gattikon (CH). ELEFTHERIOU, Evangelos, S. [GR/CH]; Bellarias-trasse 53, CH-8038 Zurich (CH). MITTELHOLZER, Thomas [CH/CH]; Fluehgasse 33 B, CH-8008 Zurich (CH).
- (74) KLETT, Peter, M. et al. / etc.; IBM Research GmbH, Zurich Research Laboratory, Saemmerstrasse 4 / Postfach, CH-8803 Rueschlikon (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 20/10, 20/12, G09C 1/00
- (11) WO 2004/107339 (13) A1
- (21) PCT/JP2004/006900
- (22) 14 May/mai 2004 (14.05.2004)
- (25) ja (26) ja
- (30) 2003-150906 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INFORMATION RECORDING MEDIUM, INFORMATION PROCESSING DEVICE AND METHOD
- SUPPORT D'ENREGISTREMENT D'INFORMATIONS, PROCEDE ET DISPOSITIF DE TRAITEMENT D'INFORMATIONS
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EBIHARA, Munetake [JP/JP]KATSUMATA, Mitsuru [JP/JP]KUNO, Hiroshi [JP/JP]HAYASHI, Takamichi [JP/JP]
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office 9th Floor, Toranomon Daiichi Building 2-3, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 20/10
- (11) WO 2004/107341 (13) A1
- (21) PCT/KR2004/001288
- (22) 31 May/mai 2004 (31.05.2004)
- (25) ko (26) en
- (30) 10-2003-0035112 31 May/mai 2003 KR (31.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS FOR RECORDER HAVING SENSOR AND METHOD FOR PLAYING/RECORDING USING THE SAME
- APPAREIL D'ENREGISTREMENT PRESENTANT UN CAPTEUR ET PROCEDE DE LECTURE/ENREGISTREMENT UTILISANT LEDIT APPAREIL
-
- (71, 72) HWANG, Sun-Won [KR/KR]; 611-69, Silim-dong, Kwanak-Ku, Seoul, 151-879 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 20/10
- (11) WO 2004/107342 (13) A1
- (21) PCT/KR2004/001294
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) ko (26) en
- (30) 10-2003-0035309 2 Jun/juin 2003 KR (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS AND METHOD FOR DECODING DATA ENCODED IN WOBBLED PATTERN OF A RECORDING MEDIUM
- APPAREIL ET PROCEDE DE DECODAGE DE DONNEES DE SUPPORT D'ENREGISTREMENT CODEES SELON UN MODELE DE VOBULATION
-
- (71) LG Electronics Inc. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72) YOO, Jea Yong; C-306, Maebong Samsung APT., Dogok-dong, Kangnam-gu, Seoul 135-270 (KR). KIM, Byung Jin; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do, 463-010 (KR). KIM, Mi Hyun; 1-908, Moojigae Apt., Seocho 2-dong, Seocho-gu, Seoul 137-771 (KR).
- (74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (71) LG Electronics Inc. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Jung Bae [KR/KR]; 101, Hangaram Apt., 1586-6 Gwanyang-dong, Dongan-gu, Anyang-si, Kyonggi-do 431-060 (KR).
- (74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 27/00
- (11) WO 2004/107343 (13) A2
- (21) PCT/JP2004/007231
- (22) 20 May/mai 2004 (20.05.2004)

- (25) en (26) en
(30) 10/445,328 **27 May/mai 2003** US
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • STORAGE MEDIUM RENTAL SYSTEM
• SYSTEME DE LOCATION D'UN SUPPORT DE STOCKAGE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma Kadoma-shi Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAMOTO, MasayaMINAMI, MasatakaOHMORI, MotojiOKADA, Tomoyuki
- (74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 27/34, 19/02
(11) WO 2004/107345 (13) A1
(21) PCT/IB2004/050726
(22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
(30) 03101564.7 **28 May/mai 2003** EP
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEVICE AND METHOD FOR RECORDING INFORMATION
• DISPOSITIF ET PROCEDE D'ENREGISTREMENT D'INFORMATION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THIJSSSEN, Paulus, T., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 27/19
(11) WO 2004/107344 (13) A1
(21) PCT/IB2003/002334
(22) 27 May/mai 2003 (27.05.2003)
- (25) en (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BIT SYNCHRONIZATION DETECTION MEANS
• MOYEN DE DETECTION DE SYNCHRONISATION BINAIRE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEK, Aalbert [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHEP, Cornelis, M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BAGGEN, Constant, P., M., J. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KAHLMAN, Josephus, A., H., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR
-
- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
(30) 2003902778 **3 Jun/juin 2003** AU
(03.06.2003)
- (30) 2003904594 **26 Aug/août 2003** AU
(26.08.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AN IMPROVED LOCKABLE MEDIA STORAGE APPARATUS
• APPAREIL DE STOCKAGE DE SUPPORT A VERROUILLAGE AMELIORE
- (71) TRADE GUYS INTERNATIONAL PTY LTD [AU/AU]; 12/8 Fortitude Crescent, AN-DREWS, Queensland 4220 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOTZE, Anton Ewald [ZA/AU]; Unit A 25 - 2 Rivage Royal, 75 Brighton Parade, SOUTHPORT, Queensland 4220 (AU). SCICLUNA, Joseph, Victor [AU/AU]; 2 Kirralce Drive, ROBINA, Queensland 4226 (AU). SCICLUNA, Raymond [MT/AU]; 55 Cedarwood Crescent, ROBINA, Queensland 4226 (AU).
- (74) FISHER ADAMS KELLY; Level 13, AMP Place, 10 Eagle Street, BRISBANE, Queensland 4000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 33/14
(11) WO 2004/107347 (13) A1
(21) PCT/JP2003/006864
(22) 30 May/mai 2003 (30.05.2003)
- (25) ja (26) ja
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTICAL INFORMATION STORAGE DEVICE AND OPTICAL INFORMATION STORAGE SYSTEM
• DISPOSITIF ET SYSTEME OPTIQUES DE STOCKAGE D'INFORMATIONS
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOKARI, Mamoru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) YAMADA, Masaki et al. / etc.; Kosugi & Yamada, Pelican Building 4th Floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
-
- (51)⁷ G11B 33/04, B65D 85/57
(11) WO 2004/107346 (13) A1
(21) PCT/AU2004/000193
(22) 18 Feb/fév 2004 (18.02.2004)

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/15

(11) WO 2004/107348 (13) A1

(21) PCT/EP2004/005675

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 10/445,550 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CIRCUIT CONFIGURATION FOR A CURRENT SWITCH OF A BIT/WORD LINE OF A MRAM DEVICE
• CONFIGURATION DE CIRCUIT POUR COMMUTATEUR DE COURANT DE CANAL BIT/MOT DE DISPOSITIF MRAM

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE). INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEBROSSE, John [US/US]; 212 Buckingham Drive, Colchester, VT 05446 (US). VIEHMANN, Hans-Heinrich [DE/US]; 12 Hayes Avenue, S. Burlington, VT 05403 (US).

(74) KOTTMANN, Dieter; Müller Hoffmann & Partner, Innere Wiener Str. 17, 81667 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/16

(11) WO 2004/107349 (13) A1

(21) PCT/US2004/015919

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/445,940 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INTEGRATED CHARGE SENSING SCHEME FOR RESISTIVE MEMORIES

• SCHEMA DE DETECTION DE CHARGE INTEGRE DESTINE A DES MEMOIRES RESISTIVES

(71) MICRON TECHNOLOGY, INC. [US/US]; 800 South Federal Way, Boise, ID 83707-0006 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAKER, R., Jacob [US/US]; 5501 S. Luden Road, Meridian, ID 83642 (US).

(74) D'AMICO, Thomas, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street NW, Washington, WA 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11C 11/22

(11) WO 2004/107350 (13) A1

(21) PCT/JP2003/006601

(22) 27 May/mai 2003 (27.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FERROELECTRIC MEMORY

• MEMOIRE FERROELECTRIQUE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASUI, Shoichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SHEIKHOLESAMI, Ali [CA/CA]; 52 Pharmacy Av., Toronto, Ontario M1L 3E5 (CA). CHANDLER, Trevis [CA/CA]; 18 Lilac Crt., Brantford, Ontario N3R 7N4 (CA).

(74) FURUYA, Fumio; Dai2 Meiho Bldg., 9th Floor, 19-5, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/34

(11) WO 2004/107351 (13) A1

(21) PCT/US2004/011868

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/443,908 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MEMORY WITH CHARGE STORAGE LOCATIONS

• MEMOIRE COMPORTANT DES EMPLACEMENTS CAPACITIFS

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATTHEW, Leo [IN/US]; 15844 Garrison Circle, Austin, TX 78717 (US). STEIMLE, Robert, F. [US/US]; 7928 Eldorado Drive, Austin, TX 78737 (US). MURALIDHAR, Ramachandran [US/US]; 10601 Pickfair Drive, Austin, TX 78750 (US).

(74) KING, Robert, L. et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11C 16/00

(11) WO 2004/107352 (13) A2

(21) PCT/US2004/013986

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10/443,502 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • USE OF VOIDS BETWEEN ELEMENTS IN SEMICONDUCTOR STRUCTURES FOR ISOLATION

• UTILISATION DE VIDES ENTRE LES ELEMENTS DE STRUCTURES DE SEMI-CONDUCTEUR A DES FINS D'ISOLATION

(71) SANDISK CORPORATION [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Jian [US/US]; 5476 Castle Glen Avenue, San Jose, CA 95129 (US). HIGASHITANI, Masaaki [JP/US]; 22212 Bitter Oak Street, Cupertino, CA 95014 (US).

(74) PARSONS, Gerald, P. et al. / etc.; Parsons Hsue & de Runtz LLP, 655 Montgomery Street, Suite 1800, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21C 17/06, G01N 23/00

(11) WO 2004/107353 (13) A1

(21) PCT/RU2004/000201

(22) 26 May/mai 2004 (26.05.2004)

(25) ru (26) ru

(30) 2003116325 2 Jun/juin 2003 RU (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR CONTROLLING URANIUM-235 MASS FRACTION IN GASEOUS URANIUM HEXAFLUORIDE AND CONTROL SYSTEM

• PROCEDE POUR CONTROLER LA FRACTION MASSIQUE DE L'URANIUM-235 DANS L'HEXAFLUORURE D'URANIUM ET SYSTEME DE CONTROLE

(71) FEDERAL UNITARI STATE ENTERPRISE "SIBERIAN CHEMICAL COMBINE" [RU/RU]; ul. Kurchatova, 1, ZATO Seversk, Tomskaya obl., 636000 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABRAMOVICH, Andrey Vladislavovich [RU/RU]; ul. Kalinina, 27-47, ZATO Seversk, Tomskaya obl., 636000 (RU). VODOLAZSKIKH, Viktor Vasilievich [RU/RU]; ul. Mira, 17-5, ZATO Seversk, Tomskaya obl., 636035 (RU). GOROKHOV, Vladimir Evgenievich [RU/RU]; ul. Solnechnaya, 12-56, ZATO Seversk, Tomskaya obl., 636037 (RU). DOROFEEV, Dmitry Vladimirovich [RU/RU]; ul. Krupskoi, 23-3, ZATO Seversk, Tomskaya obl., 636036 (RU). ZHILEIKO, Jury Viktorovich [RU/RU]; ul. Krupskoi, 13-77, ZATO Seversk, Tomskaya obl., 636036 (RU). ZIMIN, Boris Mikhailovich [RU/RU]; pr. Kommunistichesky, 120-173, ZATO Seversk, Tomskaya obl., 636019 (RU). ILJUKHIN, Vyacheslav Mikhailovich [RU/RU]; ul. Lesnaya, 7-39, ZATO Seversk, Tomskaya obl., 636035 (RU). MAZIN,

Vladimir Ilich [RU/RU]; ul. Severnaya, 30-63, ZATO Seversk, Tomskaya obl., 636037 (RU). ROSCHUPKIN, Vladimir Ivanovich [RU/RU]; ul. Pobedy, 2-310, ZATO Seversk, Tomskaya obl., 636019 (RU). SIDORENKO, Nikolai Nikolaevich [RU/RU]; ul. Kalinina, 119-118, ZATO Seversk, Tomskaya obl., 636039 (RU). TORGUNAKOV, Jury Borisovich [RU/RU]; ul. Lenina, 16-53, ZATO Seversk, Tomskaya obl., 636035 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G21D 1/02, G21C 19/30, G21F 9/12, C02F 1/42, B01J 47/04

(11) WO 2004/107354 (13) A1

(21) PCT/JP2004/007163

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-148565 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR DESALINATING CONDENSED WATER

• PROCEDE ET APPAREIL DE DESSALEMENT D'EAU CONDENSEE

(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1148510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IZUMI, Takeshi [JP/JP]; 3-2-2-204, Matsukazedai, Aoba-ku, Yokohama-shi, Kanagawa 2270067 (JP). HAGIWARA, Masahiro [JP/JP]; 6-20-13, Konan, Konan-ku, Yokohama-shi, Kanagawa 2330003 (JP).

(74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi

Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21K 1/02, G01N 23/02, A61B 6/03

(11) WO 2004/107355 (13) A1

(21) PCT/IL2003/000453

(22) 1 Jun/juin 2003 (01.06.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ANTI-SCATTERING X-RAY COLLIMATOR FOR CT SCANNERS

• COLLIMATEUR DE RAYONS X ANTI-DIFFUSION DESTINE A DES SCANNERS DE TOMODENSITOMETRIE

(71) PHILIPS MEDICAL SYSTEMS TECHNOLOGIES LTD. [IL/IL]; P. O. BOX 325, 31004 HAIFA (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEVENE, Simha [IL/IL]; KIBBUTZ SA'AD, 85140 D.N. HANEDEV (IL). ELGALI, Avner [IL/IL]; 33 SHAKED STREET, 44862 TZUR YIGAL (IL).

(74) FENSTER, Paul et al. / etc.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B

(11) WO 2004/107356 (13) A2

(21) PCT/JP2004/007267

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-154691 30 May/mai 2003 JP (30.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WIRE HARNESS ASSEMBLING METHOD AND WIRE HARNESS
• PROCEDE D'ASSEMBLAGE DE FAISCEAU DE CABLES ET FAISCEAU DE CABLES
- (71) YAZAKI CORPORATION [JP/JP]; 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDO, Satoshi [JP/JP]; c/o Yazaki Parts Co., Ltd., 500, Oaza Tsukiji, Minami, Nasu-machi, Nasu-gun, Tochigi 324-0500 (JP).
- (74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo SK Bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01B
- (11) WO 2004/107358 (13) A2
- (21) PCT/US2004/014309
- (22) 6 May/mai 2004 (06.05.2004)
- (25) en (26) en
- (30) 60/472,981 22 May/mai 2003 US (22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CABLE TIE
• ATTACHE DE CABLE
- (71) PHYSICAL SYSTEMS, INC. [US/US]; 2151 Lockheed Way, Carson City, NV 89706 (US).
- (72) HUTTER, Charles, G., III; 2151 Lockheed Way, Carson City, NV 89706 (US).
- (74) LOWRY, Stuart, O. et al. / etc.; Kelly Lowry & Kelley, LLP, Suite 1650, 6320 Canoga Avenue, Woodland Hills, CA 91367 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01B
- (11) WO 2004/107357 (13) A2
- (21) PCT/JP2004/007269
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-155566 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WIRE HARNESS ASSEMBLING METHOD
• PROCEDE D'ASSEMBLAGE DE FAISCEAU DE CABLE
- (71) YASAKI CORPORATION [JP/JP]; 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAWASAKI, Nozomi [JP/JP]; c/o Yazaki Parts Co., Ltd., 4-16-1, Moto Imaizumi, Utsunomiya-shi, Tochigi 321-0954 (JP). NAKANO, Atsushi [JP/JP]; c/o Yazaki Parts Co., Ltd., 206-1, Nunobiki-ibara, Haibaracho, Haibara-gun, Shizuoka 421-0407 (JP). HOSHINO, Atsushi [JP/JP]; c/o Yazaki Parts Co., Ltd., 206-1, Nunobiki-ibara, Haibaracho, Haibara-gun, Shizuoka 421-0407 (JP). YOKOYAMA, Toshiyuki [JP/JP]; c/o Yazaki Parts Co., Ltd., 649-1, Higashi, Tanaka, Gotenba-shi, Shizuoka 412-0026 (JP).
- (74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo SK bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01B 1/12, H01M 8/00, C08L 65/00, C01B 31/08
- (11) WO 2004/107359 (13) A1
- (21) PCT/US2004/015567
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 10/445,090 23 May/mai 2003 US (23.05.2003)
- (30) 10/654,234 2 Sep/sep 2003 US (02.09.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METALLIZED CONDUCTING POLYMER-GRAFTED CARBON MATERIAL AND METHOD FOR MAKING
• MATERIAU CARBONE CONDUCTEUR METALLISE A POLYMERE GREFFE
- (71) COLUMBIAN CHEMICALS COMPANY [US/US]; 1800 West Oak Commons Court, Marietta, GA 30062 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOLLEPALLI, Srinivas [US/US]; 1888 Wilkenson Crossing, Marietta, GA 30066 (US).
- (74) KATZ, Michell, A.; Needle & Rosenberg, P.C., Suite 1000, 999 Peachtree Street, Atlanta, GA 30309-3915 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ H01B 1/24
- (11) WO 2004/107360 (13) A1
- (21) PCT/US2004/012146
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 60/472,618 22 May/mai 2003 US (22.05.2003)
- (30) 10/797,298 9 Mar/mar 2004 US (09.03.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHOD OF MANUFACTURE THEREOF
• COMPOSITIONS ELECTRIQUEMENT CONDUCTRICES ET PROCEDE DE PRODUCTION DE CES COMPOSITIONS
- (71) GENERAL ELECTRIC COMPANY (a New York Corporation) [US/US]; 1 River Road, Schenectady, NY 12345 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELKOVITCH, Mark, D. [US/US]; 6 Kasper Drive, Clifton Park, NY 12065 (US).
- (74) WINTER, Catherine, J. et al. / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01B 11/08, 11/10

(11) WO 2004/107361 (13) A1

(21) PCT/US2004/016330

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 10/446,371 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTI-PAIR DATA CABLE WITH CONFIGURABLE CORE FILING AND PAIR SEPARATION

• CABLE DE DONNEES A PAIRES MULTIPLES, A SEPARATION DE PAIRES ET DE REMPLISSAGE D'AME CONFIGURABLE

(71) CABLE DESIGN TECHNOLOGIES, INC. [US/US]; 9 Mohawk Drive, Leominster, MA 01453 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLARK, William [US/US]; 37 Sterling Street, Lancaster, MA 01523 (US). DELLAGALA, Joseph [US/US]; 23 Browning Road, Shrewsbury, MA 01545 (US). CON-SALVO, Kenneth [US/US]; 41 Comstock Road, Leominster, MA 01453 (US).

(74) ANASTASI, John, N.; Lowrie, Lando & Anastasi, LLP, One Main Street, 11th Floor, Cambridge, MA 02142 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01B 11/18, 11/20, 13/00, C23C 14/24, 14/56

(11) WO 2004/107362 (13) A1

(21) PCT/DE2004/001136

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 103 24 972.9 27 May/mai 2003 DE (27.05.2003)

(30) 103 54 090.3 10 Nov/nov 2003 DE (10.11.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS FOR PRODUCING A SHIELDED RIBBON CABLE, DEVICE FOR COATING A RIBBON CABLE, AND SHIELDED RIBBON CABLE

• PROCEDES POUR PRODUIRE DES CABLES PLATS BLINDES, DISPOSITIF POUR REVETIR DES CABLES PLATS ET CABLES PLATS BLINDES

(71) CREAVAC-CREATIVE VAKU-UMBESCHICHTUNG GMBH [DE/DE]; Löbtauer Strasse 67-69, 01159 Dresden (DE). PANTA GMBH [DE/DE]; An der Ziegelei 9, 01454 Radeberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WINKLER, Rolf [DE/DE]; Breitenauer Strasse 13, 01279 Dresden (DE). ZEIBIG, Dietmar [DE/DE]; Rockauer Ring 9, 01328 Dresden (DE). GRIEHL, Steffen [DE/DE]; Conertplatz 14, 01159 Dresden (DE).

(74) KAILUWEIT, F.; Kailuweit & Uhlemann, Bamberger Strasse 49, 01187 Dresden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01B 13/012

(11) WO 2004/107363 (13) A1

(21) PCT/JP2004/007268

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-154690 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WIRE HARNESS ASSEMBLING DEVICE AND WIRE HARNESS ASSEMBLING METHOD

• DISPOSITIF ET PROCEDE D'ASSEMBLAGE DE FAISCEAUX DE FILS

(71) YASAKI CORPORATION [JP/JP]; 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHYA, Yoshiki [JP/JP]; c/o Yazaki Parts Co., Ltd., 1500, Mishuku, Susono-shi, Shizuoka 410-1107 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo SK Bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 13/012

(11) WO 2004/107364 (13) A1

(21) PCT/JP2004/007357

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-151949 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF PRODUCING WIRE HARNESS

• PROCEDE POUR PRODUIRE UN FAISCEAU DE CABLES

(71) SUMITOMO WIRING SYSTEMS, LTD. [JP/JP]; 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 5108503 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIRAFUJI, Yukihiko [JP/JP]; c/o SUMITOMO WIRING SYSTEMS, LTD., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 5108503 (JP). ITO, Takeharu [JP/JP]; c/o SUMITOMO WIRING SYSTEMS, LTD., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 5108503 (JP).

(74) OWADA, Kazumi; Dojima Avanza 4F., 6-20, Dojima 1-chome, Kita-ku, Osaka-shi, Osaka 5300003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (a)

(51)⁷ H01C 7/00, C03C 8/02, 8/14

(11) WO 2004/107365 (13) A1

(21) PCT/JP2003/007724

(22) 18 Jun/juin 2003 (18.06.2003)

(25) ja (26) ja

(30) 2003-150489 28 May/mai 2003 JP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RESISTING PASTE, RESISTOR AND
ELECTRONIC PARTS
• PATE RESISTANTE, RESISTANCE ET
PIECES ELECTRONIQUES

(71) TDK CORPORATION [JP/JP]; 1-13-1, Ni-
honbashi, Chuo-ku, Tokyo 103-8272 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TANAKA, Hirobumi [JP/JP]; c/o TDK
Corporation, 1-13-1, Nihonbashi, Chuo-ku,
Tokyo 103-8272 (JP). IGARASHI, Kat-
suhiko [JP/JP]; c/o TDK Corporation, 1-13-1,
Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) MAEDA, Hitoshi et al. / etc.; MAEDA &
NISHIDE, 2F, Kiriyama Bldg., 1-1, Saru-
gaku-cho 2-chome, Chiyoda-ku, Tokyo
101-0064 (JP).

(81) CN GB US.

(51)⁷ H01C 10/32

(11) WO 2004/107366 (13) A1

(21) PCT/EP2004/005637

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 103 23 964.2 27 May/mai 2003 DE
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HAPTIC LIMITATION OF A STEP
SWITCH OR A POTENTIOMETER
• LIMITATION HAPTIQUE D'UN COM-
MUTATEUR ROTATIF OU D'UN PO-
TENTIOMETRE

(71) PREH GMBH [DE/DE]; An der Stadthalle,
97616 Bad Neustadt/Saale (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) ERDLOFF, Dirk [DE/DE]; Am
Kreuzweg 5, 97724 Burglauer (DE).

(74) THUL, Hermann; Rheinmetall AG, Zen-
trale Patentabteilung, Rheinmetall Allee 1,
40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM

TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (a)

(51)⁷ H01F 1/26, 1/33, 41/02, B22F 1/00, 1/02

(11) WO 2004/107367 (13) A1

(21) PCT/JP2004/007798

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-155083 30 May/mai 2003 JP
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SOFT MAGNETIC MATERIAL, MO-
TOR CORE, TRANSFORMER CORE
AND PROCESS FOR PRODUCING
SOFT MAGNETIC MATERIAL

• MATERIAU MAGNETIQUE DOUX,
NOYAU DE MOTEUR, NOYAU DE
TRANSFORMATEUR ET PROCÉDE
POUR PRODUIRE UN MATERIAU
MAGNETIQUE DOUX

(71) SUMITOMO ELECTRIC INDUSTRIES,
LTD. [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 5410041 (JP).
SHARP KABUSHIKI KAISHA [JP/JP];
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi,
Osaka 5458522 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TOYODA, Haruhisa [JP/JP]; c/o Itami
Works of, Sumitomo Electric Industries, Ltd.,
1-1, Koyakita 1-chome, Itami-shi, Hyogo
6640016 (JP). KAWAGUCHI, Daichi
[JP/JP]; c/o Itami Works of, Sumitomo Elec-
tric Industries, Ltd., 1-1, Koyakita 1-chome,
Itami-shi, Hyogo 6640016 (JP). TANAKA,
Shozoh [JP/JP]; c/o Sharp Kabushiki
Kaisha, 22-22, Nagaïke-cho, Abeno-ku,
Osaka-shi, Osaka 5458522 (JP). UEDA,
Kazuhiko [JP/JP]; c/o Sharp Kabushiki
Kaisha, 22-22, Nagaïke-cho, Abeno-ku, Os-
aka-shi, Osaka 5458522 (JP).

(74) FUKAMI, Hisao et al. / etc.; Fukami Patent
Office, Mitsui Sumitomo Bank Minami-
morimachi Bldg., 1-29, Minamimorimachi
2-chome, Kita-ku, Osaka-shi, Osaka 5300054
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (a)

(51)⁷ H01F 1/44

(11) WO 2004/107368 (13) A2

(21) PCT/FR2004/001169

(22) 13 May/mai 2004 (13.05.2004)

(25) fr (26) fr

(30) 03/06279 23 May/mai 2003 FR
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FERROFLUIDS STABLE IN NEUTRAL
MEDIA AND MODIFIED FERROFLU-
IDS MODIFIED OBTAINED BY MODI-
FICATION OF THE SURFACE OF THE
PARTICLES OF SAID FERROFLUIDS

• FERROFLUIDES STABLES EN MILIEU
NEUTRES ET FERROFLUIDES MODI-
FIÉS OBTENUS PAR MODIFICATION
DE LA SURFACE DES PARTICULES
DE CES FERROFLUIDES

(71) CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE
(C.N.R.S.) [FR/FR]; 3, rue Michel Ange,
F-75016 Paris (FR).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) DUGUET, Etienne [FR/FR]; 1, rue
Paul Langevin, F-33130 Begles (FR). MOR-
NET, Stéphane [FR/FR]; 5 rue de Belgique,
F-33370 Artigues pres Bordeaux (FR).
PORTIER, Joseph [FR/FR]; 9 rue de Gaza-
illan, F-33170 Gradignan (FR).

(74) BERNASCONI, Jean et al. / etc.; Cabinet
Lavoix, 2, Place d'Estienne d'Orves, F-75441
Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01F 1/44, F16F 9/53, F16J 15/43, H01F
1/06

(11) WO 2004/107369 (13) A1

(21) PCT/IB2003/006282

(22) 23 Dec/déc 2003 (23.12.2003)

(25) it (26) en

(30) TO2003A000410 3 Jun/juin 2003 IT
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLUID MAGNETO-RHEOLOGICAL
COMPOSITION

• COMPOSITION MAGNETO-RHEOLO-
GIQUE FLUIDE

(71) C.R.F. SOCIETÀ CONSORTILE PER
AZIONI [IT/IT]; Strada Torino, 50, I-10043
Orbassano (IT).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BIASIOTTO, Marco** [IT/IT]; Via Bardonecchia, 97, I-10100 Torino (IT). **VECA, Antonino** [IT/IT]; Via Asilo 12, I-10020 Casalborgone (Torino) (IT).
- (74) **FREYRIA FAVA, Cristina** et al. / etc.; c/o Buzzi, Notaro & Antonielli d'Oulx S.r.l., Via Maria Vittoria, 18, I-10123 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **H01F 10/32, 41/30**
- (11) **WO 2004/107370** (13) A2
- (21) PCT/US2003/023063
- (22) **24 Jul/juil 2003 (24.07.2003)**
- (25) en (26) en
- (30) 10/232,111 **30 Aug/août 2002 US (30.08.2002)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NANOCRYSTALLINE LAYERS FOR IMPROVED MRAM TUNNEL JUNCTIONS
• COUCHES NANOCRISTALLINES POUR JONCTIONS AMELIOREES DE TUNNELS DE MEMOIRE D'ACCES ALEATOIRE MAGNETIQUE
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **SLAUGHTER, Jon, M.**; 9251 South Kenneth Place, Tempe, AZ 85284 (US). **DAVE, Renu, W.**; 6069 West Megan Street, Chandler, AZ 85296 (US). **SUN, Jijun.**; 2101 North Evergreen Street, Chandler, AZ 85225 (US).
- (74) **KOCH, William, E.**; MOTOROLA, INC., Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **H01F 27/32, 41/12**
- (11) **WO 2004/107371** (13) A1
- (21) PCT/EP2004/005741
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) de (26) de
- (30) 1023569 **30 May/mai 2003 NL (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRICAL ASSEMBLY, ELECTRICAL DEVICE, CABLE AND WIRE AND METHOD FOR PRODUCING AN ELECTRICAL ASSEMBLY
• INSTALLATION ELECTRIQUE, DISPOSITIF ELECTRIQUE, CABLE ET FILS, ET PROCEDE DE REALISATION D'UNE INSTALLATION ELECTRIQUE

- (71) **ELEKTRISOLA DR. GERD SCHILDBACH GMBH & CO. KG** [DE/DE]; In der Hüttenwiese 2-4, 51580 Reichshof-Eckenhagen (DE).
- (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **PETERS, Wilhelm, Gerardus** [NL/NL]; Industriestraat 84, NL-5931 PK Tegelen (NL). **BERGHMANS, Franciscus, Maria, Petrus** [NL/NL]; Zilver schoon 13, NL-5931 SB Tegelen (NL).

- (74) **DALLMEYER, Georg** et al. / etc.; Deichmannhaus am Dom, Bahnhofsvorplatz 1, 50667 Köln (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **H01F 27/32, 38/12**
- (11) **WO 2004/107372** (13) A2
- (21) PCT/FR2004/001239
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) fr (26) fr
- (30) 03/06132 **22 May/mai 2003 FR (22.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF PRODUCING AN INDIVIDUAL IGNITION COIL AND COIL THUS OBTAINED
• PROCEDE DE FABRICATION D'UNE BOBINE D'ALLUMAGE INDIVIDUEL ET BOBINE AINSI OBTENUE
- (71) **ELECTRICFIL AUTOMOTIVE** [FR/FR]; 77, Allée des Grandes Combes, Z. I. Ouest Beynost, F-01708 Miribel Cedex (FR).
- (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **FONTALBA, François** [FR/FR]; 17, rue Louis Thevenet, F-69004 Lyon (FR).

- (74) **THIBAUT, Jean-Marc**; Cabinet Beau de Loménie, 51, avenue Jean-Jaurès, B. P. 7073, F-69301 Lyon Cedex 07 (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **H01G 9/155, 9/016, 9/06, 9/10, H01M 2/08**
- (11) **WO 2004/107373** (13) A1

- (21) PCT/JP2004/007680
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) ja (26) ja

- (30) 2003-153728 **30 May/mai 2003 JP (30.05.2003)**

- (30) 2003-153733 **30 May/mai 2003 JP (30.05.2003)**

- (30) 2003-184126 **27 Jun/juin 2003 JP (27.06.2003)**

- (30) 2003-191652 **4 Jul/juil 2003 JP (04.07.2003)**

- (43) 9 Dec/déc 2004 (09.12.2004)

- (54) • ELECTRIC DOUBLE LAYER CAPACITOR AND ELECTROLYTIC CELL
• CONDENSATEUR ELECTRIQUE A DEUX COUCHES ET CELLULE ELECTROLYTIQUE

- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **OMURA, Seiji** [JP/JP]; 2-19-13-303, Akai, Daito-shi, Osaka 5740046 (JP). **KISHIMOTO, Yasuhiro** [JP/JP]; 1-15-3-301, Ningyocho, Nihonbashi, Chuo-ku, Tokyo 1030013 (JP). **KIMOTO, Mamoru** [JP/JP]; 2-15-18, Sugiyamate, Hirakata-shi, Osaka 5730118 (JP). **KATO, Kikuko** [JP/JP]; 7-19-3-402, Korigaoka, Hirakata-shi, Osaka 5730084 (JP). **NAKAJIMA, Hiroshi** [JP/JP]; 9-26-106, Tamiyahonmachi, Hirakata-shi, Osaka 5730024 (JP).

- (74) **MARUYAMA, Toshiyuki**; 10-12, Nakamiya 4-chome, Asahi-ku, Osaka-shi, Osaka 5350003 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H

(11) WO 2004/107374 (13) A2

(21) PCT/US2004/016993

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/449,807 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPENABLE ONE-PIECE ELECTRICAL RF SHIELD AND METHOD OF MANUFACTURING THE SAME

• PROTECTION MONOBLOC CONTRE LES RADIOFREQUENCES ELECTRIQUES APTE A S'OUVRIR ET SON PROCEDE DE FABRICATION

(71) INTERPLEX NAS, INC. [US/US]; 120-12 28th Avenue, Flushing, NY 11354 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEIDLER, Jack [US/US]; 29-34 146th Street, Flushing, NY 11354 (US).

(74) SCHECHTER, Peter, C. et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 33/46

(11) WO 2004/107375 (13) A1

(21) PCT/CN2004/000563

(22) 28 May/mai 2004 (28.05.2004)

(25) zh (26) zh

(30) 03140553.3 29 May/mai 2003 CN (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRICAL SWITCH

• COMMUTATEUR ELECTRIQUE

(71) LIU, Shui [CN/CN]; 82-1, No. 2 Ganjingzi Road, Dalian, Liaoning 116031 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LIU, Ping [CN/CN]; 82-1, No. 2 Ganjingzi Road, Dalian, Liaoning 116031 (CN).

(74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD; 15/F., Block B, Tsinghua Tongfan Hi-Tech Plaza, No.1 Wangzhuang Rd., Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 36/00, A41D 1/00

(11) WO 2004/107376 (13) A1

(21) PCT/IB2004/001730

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/474,827 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MAGNETIC TOGGLE SWITCH

• INTERRUPTEUR MAGNETIQUE A BASCULE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARMAROPOULOS, George [GR/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US). MAMA, Kyr-iakos (Jack) [GB/GB]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US). VU, Giang, Truong [GB/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Waxler, Aaron, P.O.Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP

(AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H01H 47/00

(11) WO 2004/107377 (13) A1

(21) PCT/EP2004/003874

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) 03012628.8 3 Jun/juin 2003 EP (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTROL DEVICE FOR SAFETY-CRITICAL COMPONENTS AND CORRESPONDING METHOD

• DISPOSITIF DE COMMANDE DESTINE A DES COMPOSANTS CRITIQUES POUR LA SECURITE ET PROCEDE CORRESPONDANT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEHRINGER, Klaus [DE/DE]; Letten 15, 91338 Igensdorf (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 1/00

(11) WO 2004/107378 (13) A2

(21) PCT/US2004/011690

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/443,564 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TUNED BANDWIDTH PHOTOCATHODE FOR TRANSMISSION ELECTRON AFFINITY DEVICES

• PHOTOCATHODE A LARGEUR DE BANDE SYNTONISEE POUR DISPOSITIFS DE TRANSMISSION AVEC AFFINITE AUX ELECTRONS NEGATIFS

(71) ITT MANUFACTURING ENTERPRISES, INC. [US/US]; 1105 North Market

- Street, Suite 1217, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SILLMON, Roger, S.** [US/US]; 260 Stone Coal Road, Troutville, VA 24175 (US). **SMITH, Arlynn, Walter** [US/US]; 208 Stonehaven Lane, Blue Ridge, VA 24064 (US). **BENZ, Rudy, G.** [US/US]; 175 Wellington Lane, Daleville, VA 24083 (US).
- (74) **SEITTER, Robert, P.**; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ H01J 9/02, 1/30, C01B 31/04
- (11) WO 2004/107380 (13) A1
- (21) PCT/JP2004/008006
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) ja (26) ja
- (30) 2003-156400 2 Jun/juin 2003 JP (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRON-EMISSIVE MATERIAL AND METHOD FOR PRODUCING SAME
- MATERIAU EMETTEUR D'ELECTRONS ET SON PROCEDE DE PRODUCTION
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAOMOTO, Akira** [JP/JP]; 2-31, Takigikuwanoki, Kyotanabe-shi, Kyoto, 6100341 (JP). **OZAKI, Toyokazu** [JP/JP]; 1-8-3-202, Tomiomotomachi, Nara-shi, Nara, 6310078 (JP). **DEGUCHI, Masahiro** [JP/JP]; 20-11-502, Higashinakaburi 1-chome, Hirakata-shi, Osaka, 5730093 (JP). **SHIBATA, Motoshi** [JP/JP]; 6-708-1-107, Gakuendaiwa-cho, Nara-shi, Nara, 6310041 (JP).
- (74) **SAEGUSA, Eiji et al. / etc.**; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 25/34
- (11) WO 2004/107382 (13) A1
- (21) PCT/KR2003/001060
- (22) 29 May/mai 2003 (29.05.2003)
- (25) ko (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MILLIMETER-WAVE BACKWARD WAVE OSCILLATOR
- OSCILLATEUR A ONDES REGRESSIVES, A ONDES MILLIMETRIQUES
- (71, 72) **HAN, SEONG-TAE** [KR/KR]; 610-259, Sinlim 3-dong, Kwanak-ku, 151-879 Seoul (KR). **PARK, GUN-SIK** [KR/KR]; 104-1011, Sintri 1-danji A, Shinjung-dong, Yangcheon-ku, 158-070 Seoul (KR).
- (74) **YOU ME PATENT & LAW FIRM**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
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- (51)⁷ H01J 9/24
- (11) WO 2004/107381 (13) A2
- (21) PCT/EP2004/050905
- (22) 24 May/mai 2004 (24.05.2004)
- (71) **SAKAI, Hiroaki**; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).
- (72, 75) **SILLMON, Roger, S.** [US/US]; 260 Stone Coal Road, Troutville, VA 24175 (US). **SMITH, Arlynn, Walter** [US/US]; 208 Stonehaven Lane, Blue Ridge, VA 24064 (US). **BENZ, Rudy, G.** [US/US]; 175 Wellington Lane, Daleville, VA 24083 (US).
- (74) **SEITTER, Robert, P.**; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (25) fr (26) fr
- (30) 03/6383 27 May/mai 2003 FR (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PLASMA PANEL COMPRISING CEMENT PARTITION BARRIERS
- PANNEAU A PLASMA DONT LES BARRIERES DE PARTITIONNEMENT SONT EN CIMENT
- (71) **THOMSON PLASMA** [FR/FR]; 46 Quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BETTINELLI, Armand** [FR/FR]; 87 Impasse Jardins des Berards, F-38500 Coublevie (FR). **BROWAEYS, Jean-Philippe** [FR/FR]; 2 rue Nélaton, F-92800 Puteaux (FR).
- (74) **BROWAEYS, Jean-Philippe**; 46 Quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 9/02, 17/16, 17/49
- (11) WO 2004/107379 (13) A1
- (21) PCT/JP2004/007549
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 2003-150304 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • UNBAKED LAMINATE FOR PRODUCING FRONT PLATE OF PLASMA DISPLAY DEVICE, AND METHOD FOR PRODUCING FRONT PLATE OF PLASMA DISPLAY DEVICE
- STRATIFIE NON CUIT PERMETTANT DE PRODUIRE UNE PLAQUE FRONTALE D'ECRAN A PLASMA, ET PROCEDE DE PRODUCTION D'UNE PLAQUE FRONTALE D'ECRAN A PLASMA
- (71) **TOKYO OHKA KOGYO CO., LTD.** [JP/JP]; 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SETSUDA, Hitoshi** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara, Kawasaki-shi, Kanagawa, 2110012 (JP). **KUMAZAWA, Akira** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara, Kawasaki-shi, Kanagawa, 2110012 (JP). **OSHIO, Kiminori** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara, Kawasaki-shi, Kanagawa, 2110012 (JP). **OBIYA, Hiroyuki** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara, Kawasaki-shi, Kanagawa, 2110012 (JP).
- (74) **SAKAI, Hiroaki**; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 29/78, H01L 21/336

(11) WO 2004/107383 (13) A1

(21) PCT/JP2004/000123

(22) 9 Jan/jan 2004 (09.01.2004)

(25) ja (26) ja

(30) 2003-003391 9 Jan/jan 2003 JP
(09.01.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MISFET

• MISFET

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INOUE, Akira TAKAGI, Takeshi A-SAI, Akira SORADA, Haruyuki

(74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent Office 3rd Fl., Bo-eki Bldg. 123-1, Higashimachi, Chuo-ku, Kobe-shi, Hyogo, 6500031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 35/00

(11) WO 2004/107384 (13) A2

(21) PCT/IB2004/001725

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/474,737 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ENHANCED ELECTRON BACKSCATTERING IN X-RAY TUBES

• RETRODIFFUSION AMELIOREE D'ELECTRONS DANS DES TUBES A RAYONS X

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCDONALD, James, L. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).
KAUTZ, Allan, D. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; C/O SERRA, Wayne, M., 595 Miner Road, Cleveland, OH 44143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 37/00

(11) WO 2004/107385 (13) A2

(21) PCT/FR2004/050207

(22) 26 May/mai 2004 (26.05.2004)

(25) fr (26) fr

(30) 0306305 26 May/mai 2003 FR
(26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PLASMA DISPLAY PANEL COMPRISING A REDUCED-SECTION DISCHARGE EXPANSION ZONE

• PANNEAU DE VISUALISATION A PLASMA A ZONE D'EXPANSION DE DECHARGE DE SECTION REDUITE

(71) THOMSON PLASMA [FR/FR]; Brevets, 46 Quai Alphonse Le Gallo, F-92100 BOULOGNE CEDEX (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TESSIER, Laurent [FR/FR]; 25 ter rue de la Liberté, F-38600 Fontaine (FR).

(74) RUELLAN-LEMONNIER, Brigitte; THOMSON, European Patent Operations, 46, quai Alphonse Le Gallo, F-92648 BOULOGNE cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 37/00

(11) WO 2004/107386 (13) A2

(21) PCT/US2004/016073

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/444,413 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR ION BEAM CONTAINMENT IN AN ION BEAM GUIDE

• PROCEDE ET SYSTEME POUR LE CONFINEMENT DES FAISCEAUX IONIQUES DANS UN GUIDE DE FAISCEAUX IONIQUES

(71) AXCELIS TECHNOLOGIES INC. [US/US]; 108 Cherry Hill Drive, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YE, John Zheng [US/US]; 471 Washington Street, Brighton, MA 02135 (US).
BENVENISTE, Victor [US/US]; 8 Harbor Heights, Gloucester, MA 01930 (US).
CRISTOFORO, Michael [US/US]; 2 Norge Road, Beverly, MA 01915 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/107387 (13) A2

(21) PCT/US2004/015892

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/442,815 21 May/mai 2003 US
(21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AND METHODS FOR COMPENSATING PLASMA SHEATH NON-UNIFORMITIES AT THE SUBSTRATE IN A PLASMA PROCESSING SYSTEM

• APPAREIL ET PROCEDES DESTINES A COMPENSER DES CARENCES D'UNIFORMITE DE GAIN DE PLASMA AU NIVEAU DU SUBSTRAT DANS UN SYSTEME DE TRAITEMENT AU PLASMA

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71) TOKYO ELECTRON ARIZONA, INC. [US/US]; 2120 W. Guadalupe Road, Gilbert, AZ 85233-8205 (US).

(only for / seulement pour JP)

(72, 75) BRCKA, Jozef [SK/US]; 3429 E. Norcroft Circle, Mesa, AZ 85213 (US).

(74) FREI, Donald, F. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H01J 49/00
- (11) WO 2004/107388 (13) A2
- (21) PCT/GB2004/002289
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 0312447.6 30 May/mai 2003 GB
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ALL-MASS MS/MS METHOD AND AP-
PARATUS
- PROCEDE ET APPAREIL DE SPEC-
TROMETRIE DE MASSE ENTIERE-
MENT MASSIQUE
- (71) THERMO FINNIGAN LLC [US/US]; 355
River Oaks Parkway, San Jose, CA 95134-
1991 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MAKAROV, Alexander [RU/GB];
90 Marlborough Avenue, Cheadle Hulme,
Cheshire SK8 7AR (GB).
- (74) FROST, Alex, John et al. / etc.; Boulton Wade
Tennant, Verulam Gardens, 70 Gray's Inn
Road, London WC1X 8BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ H01J 49/42
- (11) WO 2004/107389 (13) A2
- (21) PCT/CA2004/000685
- (22) 7 May/mai 2004 (07.05.2004)
- (25) en (26) en
- (30) 10/448,376 30 May/mai 2003 US
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM AND METHOD FOR MODI-
FYING THE FRINGING FIELDS OF A
RADIO FREQUENCY MULTIPOLE
- SYSTEME ET PROCEDE POUR MODI-
FIER LES CHAMPS DE FRANGES
D'UN APPAREIL MULTIPOLAIRE A
RADIOFREQUENCES
- (63) US 10/448,376 (CON)
30 May/mai 2003 (30.05.2003)
- (71) MDS INC., doing business as MDS SCIE
[CA/CA]; 71 Four Valley Drive, Concord,
Ontario L4K 4V8 (CA). APPLERA COR-
PORATION [US/US]; 301 Merrit 7, P.O.
Box 5435, Norwalk, CT 06856-5435 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HAGER, James, W. [CA/CA]; 2747 In-
lake Court, Mississauga, Ontario L5N 2A4
(CA). LONDRY, Frank, A. [CA/CA]; 2560
Country Road 11, RR #5, Peterborough, On-
tario K9J 6X6 (CA).
- (74) BERESKIN & PARR; 40 King Street West,
40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H01K 1/50, 1/10
- (11) WO 2004/107391 (13) A1
- (21) PCT/DE2004/001066
- (22) 19 May/mai 2004 (19.05.2004)
- (25) de (26) de
- (30) 103 24 361.5 27 May/mai 2003 DE
(27.05.2003)
- (30) 103 34 365.2 25 Jul/juil 2003 DE
(25.07.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LIGHT SOURCE AND METHOD FOR
SUPPLYING A TRANSPORT FUNC-
TION TO A CHEMICAL ELEMENT IN
A LIGHT SOURCE
- SOURCE DE LUMIERE ET PROCEDE
DE CREATION D'UNE FONCTION
DE TRANSPORT D'UN ELEMENT
CHIMIQUE DANS UNE SOURCE DE
LUMIERE
- (71) IP2H AG [CH/CH]; Hofweg 11, CH-3013
Bern (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ARNOLD, Jörg [DE/CH]; Hofweg 11,
CH-3013 Bern (CH).
- (74) ULLRICH & NAUMANN; Luisenstrasse
14, 69115 Heidelberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H01L
- (11) WO 2004/107392 (13) A2
- (21) PCT/EP2004/050929
- (22) 26 May/mai 2004 (26.05.2004)
- (25) fr (26) fr
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (30) 03/06431 **27 May/mai 2003** FR
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AMORPHOUS OPTICAL COUPLING STRUCTURE FOR AN ELECTRO-MAGNETIC WAVE DETECTOR AND ASSOCIATED DETECTOR
• STRUCTURE AMORPHE DE COUPLAGE OPTIQUE POUR DETECTEUR D'ONDES ELECTROMAGNETIQUES ET DETECTEUR ASSOCIE
- (71) THALES [FR/FR]; 45, rue de Villiers, F-92200 NEUILLY-SUR-SEINE (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOIS, Philippe [FR/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL Cedex (FR). BRIERE DE L'ISLE, Nadia [FR/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL Cedex (FR). COSTARD, Eric [FR/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL Cedex (FR). DE ROSSI, Alfredo [IT/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL Cedex (FR).
- (74) ESSELIN, Sophie et al. / etc.; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
- (11) WO 2004/107393 (13) A2
- (21) PCT/IL2004/000469
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) en (26) en
- (30) 60/474,612 **2 Jun/juin 2003** US
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INDUCING SEMICONDUCTOR CRYSTALLIZATION USING A CAPILLARY STRUCTURE
• INDUCTION DE LA CRISTALLISATION D'UN SEMI-CONDUCTEUR AU MOYEN D'UNE STRUCTURE CAPILLAIRE
- (71) ORBOTECH LTD. [IL/IL]; P.O. Box 215, 81102 Yavne (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUSIAN, Peter [IL/IL]; 11 Nachal Lachish Street, 77701 Ashdod (IL). GLAZER, Arie [IL/IL]; 2 Mevo Bossmat Street, 90805 Mevaseret (IL). DORFAN, Mannie [IL/IL]; 13 Hatayasim Street, 74062
- Nes Ziona (IL). RAAB, Yoel [IL/IL]; 4 Zoran Street, 45046 Hod Hasharon (IL).
- (74) FAIBISCH, Michael; c/o Orbotech Ltd., P.O. Box 215, 81102 Yavne (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
- (11) WO 2004/107394 (13) A2
- (21) PCT/JP2004/007598
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-149961 **27 May/mai 2003** JP
(27.05.2003)
- (30) 2003-330351 **22 Sep/sep 2003** JP
(22.09.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PLASMA PROCESSING APPARATUS, METHOD FOR PRODUCING REACTION VESSEL FOR PLASMA GENERATION, AND PLASMA PROCESSING METHOD
• APPAREIL DE TRAITEMENT AU PLASMA, PROCEDE DE PRODUCTION D'UNE CUVE A REACTION DE GENERATION DE PLASMA ET PROCEDE DE TRAITEMENT AU PLASMA
- (71) MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIBATA, Tetsuji [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). YAMAZAKI, Keiichi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). TAGUCHI, Noriyuki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). SAWADA, Yasushi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).
- (74) NISHIKAWA, Yoshikiyo et al. / etc.; Hokuto Patent Attorneys Office Umeda-Dai-ichiseimei Bldg. 5th Floor, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 5300001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ
- TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
- (11) WO 2004/107395 (13) A2
- (21) PCT/MA2004/000002
- (22) 24 May/mai 2004 (24.05.2004)
- (25) fr (26) fr
- (30) 27183 **28 May/mai 2003** MA
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MIRASOL PHOTOVOLTAIC ENERGY PRODUCING DEVICE
• APPAREIL DE PRODUCTION D'ENERGIE PHOTOVOLTAIQUE « MIRASOL »
- (71, 72) PATON, Millan, Francisco [ES/MA]; 2596, avenue Hay Maghrib Al Arabi, Temara (MA).
- (74) PATON, Millan, Francisco; 312, rue de Tanger, 12024 Haroura, Rabat (MA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
- (u) for / pour US only / seulement
-
- (51)⁷ H01L
- (11) WO 2004/107396 (13) A2
- (21) PCT/MA2004/000003
- (22) 24 May/mai 2004 (24.05.2004)
- (25) fr (26) fr
- (30) 27184 **28 May/mai 2003** MA
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DOUBLE-SIDED PHOTOVOLTAIC CELLS
• CELLULES PHOTOVOLTAIQUES DOUBLE FACE
- (71, 72) PATON, Millan, Francisco [ES/MA]; 2596, avenue Hay Maghrib Al Arabi, Temara (MA).
- (74) PATON, Millan, Francisco; 312, rue de Tanger, 12024 Haroura, Rabat (MA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L

(11) WO 2004/107397 (13) A2

(21) PCT/US2003/039520

(22) 11 Dec/déc 2003 (11.12.2003)

(25) en (26) en

(30) 10/444,671 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • IEEE 1394 OR USB POWERED COMPUTER POWERED LIGHT

- LUMIERE ALIMENTEE PAR ORDINATEUR IEEE 1394 OU USB

(71) ACCO BRANDS, INC. [US/US]; 300 North Tower Parkway, Lincolnshire, IL 60069 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRIETZMAN, Mark, Howard [US/US]; P.O. Box 3185, Palos Verdes, CA 90274 (US).

(74) LEMOND, Kevin, L. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H01L

(11) WO 2004/107398 (13) A2

(21) PCT/US2004/011866

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/445,561 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • SEMICONDUCTOR DEVICE WITH AN AIR GAP FORMED USING A PHOTOSENSITIVE MATERIAL

- DISPOSITIF SEMI-CONDUCTEUR A ENTREFER FORME AU MOYEN D'UNE MATIERE PHOTOSENSIBLE

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROVE, Nicole, R. [US/US]; 9114 Wampton Way, Austin, TX 78749 (US).

(74) KING, Robert, L. et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/107399 (13) A2

(21) PCT/US2004/011869

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/443,375 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • TRANSISTOR WITH INDEPENDANT GATE STRUCTURES

- TRANSISTOR POSSEDANT DES STRUCTURES DE GRILLE INDEPENDANTES

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATTHEW, Leo [IN/US]; 15844 Garrison Circle, Austin, TX 78717 (US). STEIMLE, Robert, F. [US/US]; 7928 Eldorado Drive, Austin, TX 78737 (US). MURALIDHAR, Ramachandran [US/US]; 10601 Pickfair Drive, Austin, TX 78750 (US).

(74) KING, Robert, L. et al. / etc.; Corporate Law Department, Intellectual Property

Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/107400 (13) A2

(21) PCT/US2004/012248

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/473,232 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • CHUCK FOR HOLDING A DEVICE UNDER TEST

- MANDRIN SERVANT A MAINTENIR UN DISPOSITIF SOUMIS A UN ESSAI

(71) CASCADE MICROTECH, INC. [US/US]; 2430 N.W. 206th Avenue, Beaverton, OR 97006 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEWART, Craig [GB/GB]; 13 Painters Close, Bloxham Banbury, Oxon OX 15 4Q (GB). LORD, Anthony [GB/GB]; Old Copper Cottage, Manor Road, Great Bourton, Banbury OXON, OX 171QT (GB). SPENCER, Jeff [US/US]; 997 Missouri Avenue, Vernonia, OR 97064 (US). BURCHAM, Terry [US/US]; 7905 S.W. Rood Bridge Road, Hillsboro, OR 97123 (US). McMANN, Peter [US/US]; 5910 S.W. 165th Court, Beaverton, OR 97007 (US). JONES, Rodd [US/US]; 15400 N.E. Cunningham, P.O. Box 427, Gaston, OR 97119 (US). DUNKLEE, John [US/US]; 10440 S.W. View Terrace, Tigard, OR 97224 (US). LESHAR, Tim [US/US]; 1475 N.W. 163th Avenue, Portland, OR 97229 (US). NEWTON, David [US/US]; 16531 S.W. Waterleaf Street, Beaverton, OR 97006 (US).

(74) RUSSELL, Kevin, L.; Chernoff, Vilhauer, McClung & Stenzel, LLP, 1600 ODS Tower, 601 S.W. Second Street, Portland, OR 97204-3157 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(r) for all designations / pour toutes les
designations

(51)⁷ H01L

(11) WO 2004/107401 (13) A2

(21) PCT/US2004/012806

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/445,174 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROBE FOR TESTING A DEVICE UN-
DER TEST

• SONDE POUR TEST DE DISPOSITIF A
L'ESSAI

(71) CASCADE MICROTCH, INC. [US/US];
2430 N.W. 206th Avenue, Beaverton, OR
97006 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GLEASON, K., Reed [US/US]; 9615
N.W. Skyline Blvd., Portland, OR 97231
(US). LESHNER, Tim [US/US]; 4219 S.E.
Cora Street, Portland, OR 97206 (US). AN-
DREWS, Mike [US/US]; 610 S. Tarrybrook
Drive, Cornelius, OR 97113 (US). MAR-
TIN, John [US/US]; 1350 S.W. Maplecrest,
Portland, OR 97219 (US).

(74) RUSSELL, Kevin, L. et al. / etc.; Chernoff,
Vilhauer, McClung & Stenzel, LLP, 1600
ODS Tower, 601 S.W. Second Avenue, Port-
land, OR 97204-3157 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L

(11) WO 2004/107402 (13) A2

(21) PCT/US2004/014525

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,786 23 May/mai 2003 US
(23.05.2003)

(30) 10/850,460 21 May/mai 2004 US
(21.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SMART CAPTURE FOR ATPG (AUTO-
MATIC TEST PATTERN GENERATION)
AND FAULT SIMULATION OF SCAN-
BASED INTEGRATED CIRCUITS

• CAPTURE SMART POUR UNE PRO-
DUCTION DE MODELE DE TEST AU-
TOMATIQUE (ATPG) ET SIMULATION
DE DEFAILLANCES DE CIRCUITS
INTEGRES A BALAYAGE

(71) SYNTEST TECHNOLOGIES, INC.
[US/US]; 505 S. Pastoria Avenue, Suite 101,
Sunnyvale, CA 94086 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72) WANG, Laung-Terng (L.-T.); 726 Win-
stead Terrace, Sunnyvale, CA 94087-2304
(US). ABDEL-HAFEZ, Khader, S.; 37 San
Jose Avenue, San Francisco, CA 94110 (US).
WEN, Xiaoqing; 705 W. Fremont Ave., #4,
Sunnyvale, CA 94087-2304 (US). SHEU,
Boryau, Jack; 3318 Loire Court, San Jose;
CA 95135 (US). WANG, Shun-Miin, Sam;
1560 Greensboro Ct., San Jose, CA 95131
(US).

(74) ZEGEER, Jim; 801 N. Pitt Street #108,
Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L

(11) WO 2004/107403 (13) A2

(21) PCT/US2004/015889

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/473,302 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPRINTING POLYMER FILM ON
PATTERNED SUBSTRATE

• FILM POLYMERE D'IMPRESSION SUR
UN SUBSTRAT A MOTIF

(71) THE REGENTS OF THE UNIVERSITY
OF MICHIGAN [US/US]; Technology
Management Office, 3003 South State Street,
Wolverine Tower, Room 2071, Ann Arbor,
MI 48109-1280 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAN, Li [CN/US]; 2376 Stone Rd., Ann
Arbor, MI 48105 (US). KONG, Yen-Peng
[MY/SG]; Blk 26, Dover Crescent, Apt
#20-61, Singapore 130026 (SG). PANG,
Stella, W. [US/US]; 3671 Highlander Way
East, Ann Arbor, MI 48108 (US). YEE,
Albert, F. [US/US]; 4904 N. Maple Rd., Ann
Arbor, MI 48105 (US).

(74) ERJAVAC, Stanley, M.; Harness, Dickey
& Pierce, P.L.C., P.O. Box 828, Bloomfield
Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(t) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01L

(11) WO 2004/107404 (13) A2

(21) PCT/US2004/016070

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,373 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS AND METHOD FOR
LARGE HARDWARE FINITE STATE
MACHINE WITH EMBEDDED EQUIV-
ALENCE CLASSES

• APPAREIL ET PROCEDE DESTINES
A UNE MACHINE A ETATS FINIS A
GRANDS EQUIPEMENTS AVEC DES
CLASSES D'EQUIVALENCE ENCAS-
TREES

(71) SENSORY NETWORKS, INC. [US/US];
1804 Embarcadero Road, Suite 200, Palo
Alto, California 94303 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOULD, Stephen [AU/AU]; 4 Henry
Street, Queens Park, New South Wales 2024
(AU). PELTZER, Ernest [AU/AU]; 526
Blaxland Road, Eastwood, New South Wales

- 2122 (AU). **BARRIE, Robert, Matthew** [AU/AU]; 5 Kiaora Road, Double Bay, New South Wales 2028 (AU). **FLANAGAN, Michael** [AU/AU]; 69 Burren Street, Newtown, New South Wales 2042 (AU). **WILLIAMS, Darren** [AU/AU]; 81 Campbell Street, Newtown, New South Wales 2042 (AU).
- (74) **TABIBI, Ardeshir et al. / etc.**; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L
- (11) **WO 2004/107406** (13) A2
- (21) PCT/US2004/016304
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) en (26) en
- (30) 60/472,970 **23 May/mai 2003 US (23.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SEMICONDUCTOR ELECTRONIC DEVICES AND METHODS
- PROCEDES ET DISPOSITIFS ELECTRONIQUES A SEMI-CONDUCTEUR
- (71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUPUIS, Russell, D.** [US/—] **CHOWDHURY, Uttiya**
- (74) **MEYERTONS, Eric, B.**; Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L
- (11) **WO 2004/107405** (13) A2
- (21) PCT/US2004/016156
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) en (26) en
- (30) 60/472,640 **22 May/mai 2003 US (22.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SPIN VALVES USING ORGANIC SPACERS AND SPIN-ORGANIC LIGHT-EMITTING STRUCTURES USING FERROMAGNETIC ELECTRODES
- VALVES DE SPIN UTILISANT DES ESPACEURS ORGANIQUES ET STRUCTURES ORGANIQUES DE SPIN EMETTRICES DE LUMIERE UTILISANT DES ELECTRODES FERROMAGNETIQUES
- (71) **UNIVERSITY OF UTAH** [US/US]; 615 Arapleen Drive, Suite 110, Salt Lake City, UT 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHI, Jing** [US/US]; 2835 E. Commonwealth Av., Salt Lake City, UT 84109 (US). **VARDENY, Valy** [US/US]; 4074 S. Mount Olympus Way, Salt Lake City, UT 84124 (US).
- (74) **POSA, John, G. et al. / etc.**; Gifford, Krass, Groh, Sprinkle, Anderson & Citkows, ki, P.C., Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
- (11) **WO 2004/107407** (13) A2
- (21) PCT/US2004/016379
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) en (26) en
- (30) 10/445,977 **27 May/mai 2003 US (27.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF MAKING INFORMATION STORAGE DEVICES BY MOLECULAR PHOTOLITHOGRAPHY
- PROCEDE DE PRODUCTION DE DISPOSITIFS DE STOCKAGE D'INFORMATIONS PAR PHOTOLITHOGRAPHIE MOLECULAIRE
- (71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 2401 Research Drive, Campus Box 8210, Raleigh, NC 27695-8210 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LINDSEY, Jonathan, S.** [US/US]; 3931 Napa Valley Drive, Raleigh, NC 27612 (US).
- (74) **SIBLEY, Kenneth, D.**; Myers Bigel Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L
- (11) **WO 2004/107408** (13) A2
- (21) PCT/US2004/016723
- (22) **27 May/mai 2004 (27.05.2004)**
- (25) en (26) en
- (30) 10/447,465 **28 May/mai 2003 US (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MODULAR ARRAY DEFINED BY STANDARD CELL LOGIC
- RESEAU MODULAIRE DEFINI PAR UNE LOGIQUE CELLULAIRE STANDARD
- (71) **LIGHTSPEED SEMICONDUCTOR CORPORATION** [US/US]; Suite 102, 3255-2 Scott Blvd., Santa Clara, CA 95054-0102 (US).
- (72) **DELLINGER, Eric**; 755 Schoolhouse Road, San Jose, CA 95138 (US).
- (74) **WOLFELD, Warren, S. et al. / etc.**; Haynes, Beffel & Wolfeld LLP, P.O. Box 366, Half Moon Bay, CA 94019 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP*

(AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01L

(11) WO 2004/107409 (13) A2

(21) PCT/US2004/008051

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/442,449 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR FABRICATING A SELF-ALIGNED BIPOLAR TRANSISTOR HAVING INCREASED MANUFACTURABILITY AND RELATED STRUCTURE

- PROCEDE DE FABRICATION D'UN TRANSISTOR BIPOLAIRE AUTOALIGNÉ PRÉSENTANT UNE MEILLEURE MANUFACTURABILITÉ ET STRUCTURE ASSOCIÉE

(71) NEWPORT FAB, LLC DBA JAZZ SEMICONDUCTOR [US/US]; 4321 Jamboree Road, Newport Beach, CA 92660 (US).

(72) KALBURGE, Amol; 4371 Rafael St., Irvine, CA 92604 (US). YIN, Kevin, Q.; 28 Santa Cruz Aisle, Irvine, CA 92606 (US). RING, Kenneth; 13406 Heritage Way #464, Tustin, CA 92782 (US).

(74) FARJAMI, Michael; Farjami & Farjami LLP, 26522 La Alameda Ave., Suite 360, Mission Viejo, CA 92691 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/107410 (13) A2

(21) PCT/US2004/008387

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/442,492 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SELF-ALIGNED BIPOLAR TRANSISTOR HAVING RECESSED SPACERS AND METHOD FOR FABRICATING SAME

- TRANSISTOR BIPOLAIRE AUTOALIGNÉ POSSEDANT DES ESPACEURS EVIDES ET PROCEDE DE FABRICATION ASSOCIÉE

(71) NEWPORT FAB, LLC d.b.a. JAZZ SEMICONDUCTOR [US/US]; 4321 Jamboree Road, Newport Beach, CA 92660 (US).

(72) KALBURGE, Amol; 4371 Rafael Street, Irvine, CA 92604 (US). YIN, Kevin, Q.; 28 Santa Cruz Aisle, Irvine, CA 92606 (US).

(74) FARJAMI, Michel; Farjami & Farjami LLP, 26522 La Alameda Avenue, Suite 360, Mission Viejo, CA 92691 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) WO 2004/107411 (13) A2

(21) PCT/US2004/015115

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/446,005 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEPOSITION APPARATUS AND METHOD

- APPAREIL ET METHODE DE DEPOT

(71) SPUTTERED FILMS, INC. [US/US]; 320 Nopal Street, Santa Barbara, CA 93103 (US).

(72) LAPTEV, Pavel, N.; 1B North San Marcos Road, Santa Barbara, CA 93111 (US). FELMETSGER, Valery, V.; 207 arapaho Street, Ventura, CA 93001 (US).

(74) PARKHURST, David, G. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Tenth Floor, 6060 Center Drive, Los Angeles, CA 90045 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) WO 2004/107412 (13) A2

(21) PCT/US2004/016074

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/444,019 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WORK-PIECE TREATMENT SYSTEM HAVING LOAD LOCK AND BUFFER

- SYSTEME DE TRAITEMENT DE PIÈCES A TRAVAILLER EQUIPE D'UN VERROU DE CHARGE ET D'UN TAMPON

(71) AXCELIS TECHNOLOGIES INC. [US/US]; 108 Cherry Hill Drive, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MITCHELL, Robert [US/US]; 28 Wildwood Street, Winchester, MA 01890 (US). WEED, Allan [US/US]; 20 Beverly Avenue, Marblehead, MA 01945 (US). GÜELER, Richard [US/US]; 233 Linden Street, Beverly, MA 01982 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) WO 2004/107413 (13) A2

(21) PCT/US2004/016075

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/249,964 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PLASMA ASHING APPARATUS AND ENDPOINT DETECTION PROCESS

- APPAREIL DE POLISSAGE HUMIDE AU PLASMA ET PROCEDE DE DETECTION DE POINT D'EXTREMITE

(71) AXCELIS TECHNOLOGIES INC. [US/US]; 108 Cherry Hill Drive, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SRIVASTAVA, Aseem [IN/US]; 13308 Neerwinder Place, Germantown, MD 20874 (US). SAKTHIVEL, Palanikumar [IN/US]; 391 West Side Drive, #203, Gaithersburg, MD 20878 (US). BUCKLEY, Thomas [US/US]; 107 Cavenrock Court, Frederick, MD 21702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) WO 2004/107414 (13) A2

(21) PCT/US2004/016076

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/249,962 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PLASMA APPARATUS, GAS DISTRIBUTION ASSEMBLY FOR A PLASMA APPARATUS AND PROCESSES THEREWITH

• APPAREIL A PLASMA, ENSEMBLE DE DISTRIBUTION DE GAZ POUR APPAREIL A PLASMA ET PROCEDES ASSOCIES

(71) AXCELIS TECHNOLOGIES INC. [US/US]; 108 Cherry Hill Drive, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BECKNELL, Alan [US/US]; 8549 Trail View Drive, Ellicott City, MD 21043 (US). BUCKLEY, Thomas [US/US]; 107 Cavenrock Court, Frederick, MD 21702 (US). FERRIS, David [US/US]; 535 Beall Avenue, Rockville, MD 20850 (US). PIN-GREE, Richard, Jr. [US/US]; 6687 Coldstream Drive, New Market, MD 21774 (US). SAKTHIVEL, Palanikumar [IN/US]; 391 West Side Drive, #203, Gaithersburg, MD 20878 (US). SRIVASTAVA, Aseem [IN/US]; 13308 Neerwinder Place, Germantown, MD 20874 (US). WALDFRIED, Carlo [DE/US]; 3411 Surrey Lane, Falls Church, Virginia 22042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027, G01B 11/00

(11) WO 2004/107415 (13) A1

(21) PCT/JP2004/007276

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-151703 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • POSITION INFORMATION MEASURING METHOD AND DEVICE, AND EXPOSURE METHOD AND SYSTEM

• PROCEDE ET DISPOSITIF DE MESURE D'INFORMATIONS DE POSITION, ET PROCEDE ET SYSTEME D'EXPOSITION

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAJIMA, Shinichi [JP/JP]; c/o Nikon Corporation, Intellectual Property Department, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) OMORI, Satoshi; Omori Patent Office, 2075-2-501, Noborito, Tama-ku, Kawasaki-shi, Kanagawa 214-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027, G03F 7/20

(11) WO 2004/107416 (13) A1

(21) PCT/JP2004/007445

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-148665 27 May/mai 2003 JP (27.05.2003)

(30) 2004-118861 14 Apr/avr 2004 JP (14.04.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • EXPOSURE APPARATUS AND DEVICE-PRODUCING METHOD

• DISPOSITIF D'EXPOSITION ET PROCEDE DE FABRICATION DE DISPOSITIF

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWATA, Naohiko [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). SAKAMOTO, Hideaki [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

IWASAKI, Masaya [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

HATTORI, Ken [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

TAKAHASHI, Masato [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

ENDO, Yutaka [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

ENDO, Yutaka [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

ARAKI, Yasuo [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01L 21/027, G03F 7/20, G02B 13/24

(11) WO 2004/107417 (13) A1

(21) PCT/JP2004/007569

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-151369 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • EXPOSURE METHOD, EXPOSURE DEVICE, AND DEVICE MANUFACTURING METHOD

• PROCEDE D'EXPOSITION, DISPOSITIF D'EXPOSITION ET PROCEDE DE FABRICATION DE DISPOSITIFS

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRUKAWA, Shigeru [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008331 (JP).

(74) KAWAKITA, Kijuro; Shinjuku MM Building, 1-15, Shinjuku 5-chome, Shinjuku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027

(11) WO 2004/107418 (13) A1

(21) PCT/KR2004/001279

(22) 29 May/mai 2004 (29.05.2004)

(25) ko (26) en

- (30) 10-2003-0034960 **30 May/mai 2003** KR
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR REMOVING PHOTORESIST IN SEMICONDUCTOR MANUFACTURING PROCESS
- PROCEDE D'ELIMINATION DE PHOTORESINE LORS D'UN PROCESSUS DE FABRICATION DE SEMI-CONDUCTEURS
- (71) PSK, INC. [KR/KR]; 430-3, Mogok-Dong, Pyungtaek-City, Gyunggi-Do 459-040 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHU, Sang-Wook [KR/KR]; 106-1502, Miju Apt.(3rd), 592, Ichoong-dong, Pyungtaek-City, Gyunggi-do 459-040 (KR).
- (74) KIM, Inhan; Daerim Bldg. 5th Floor 1695-4, Seocho-dong, Seoch-ku, Seoul 137-883 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/28
- (11) WO 2004/107420 (13) A1
- (21) PCT/US2004/016326
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 60/474,125 **28 May/mai 2003** US
(28.05.2003)
- (30) 10/819,392 **6 Apr/avr 2004** US
(06.04.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND APPARATUS FOR PLASMA NITRIDATION OF GATE DIELECTRICS USING AMPLITUDE MODULATED RADIO-FREQUENCY ENERGY
- PROCEDE ET APPAREIL DE NITRATION AU PLASMA DE DIELECTRIQUES DE GRILLE UTILISANT L'ENERGIE RADIOFREQUENCE MODULEE EN AMPLITUDE
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRAUS, Philip, A. [US/US]; 5697 Makati Circle, Apt. B, San Jose, CA 95123 (US). CHUA, Thai Cheng [SG/US]; 7207 Via Vico, San Jose, CA 95129 (US).
- (74) PATTERSON, Todd, B. et al. / etc.; Moser, Patterson & Sheridan, LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056-6582 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ H01L 21/285
- (11) WO 2004/107421 (13) A1
- (21) PCT/IB2004/050753
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 03101599.3 **3 Jun/juin 2003** EP
(03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FORMATION OF JUNCTIONS AND SILICIDES WITH REDUCED THERMAL BUDGET
- FORMATION DE JONCTIONS ET DE SILICIURES A BILAN CALORIFIQUE REDUIT
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (71) INTERUNIVERSITAIR MICROELEKTRONICA CENTRUM VZW [BE/BE]; Kapeldreef 75, B-3001 Leuven (BE).
(only for / seulement pour DE FR GB JP)
- (72, 75) PAWLAK, Bartłomiej, J. [PL/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/107422 (13) A2
- (21) PCT/JP2004/007437
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 2003-148811 **27 May/mai 2003** JP
(27.05.2003)
- (30) 2004-051849 **26 Feb/fév 2004** JP
(26.02.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PLATING APPARATUS AND PLATING METHOD
- APPAREIL ET PROCEDE D'ELECTRODEPOSITION
- (71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEKIMOTO, Masahiko [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP). ENDO, Yasuhiko [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP). STRAUSSER, Stephen [US/US]; c/o Ebara Technologies Incorporated, 51 Main Avenue, Sacramento, California, 95838 (US). TAKEMURA, Takashi [JP/JP]; c/o

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- (74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/301, B81C 1/00
(11) WO 2004/107423 (13) A1
(21) PCT/JP2004/005008
(22) 7 Apr/avr 2004 (07.04.2004)
(25) ja (26) ja
(30) 2003-153216 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF PRODUCING FILM-THINNING CIRCUIT BOARD HAVING PENETRATED STRUCTURE AND PROTECTING ADHESIVE TAPE
• PROCEDE DE PRODUCTION DE CARTE CIRCUIT A AMINCISSEMENT DE COUCHE A STRUCTURE PENETREE ETE BANDE ADHESIVE DE PROTECTION
- (71) THE FURUKAWA ELECTRIC CO. LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008322 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHIWATA, Shinichi [JP/JP]; c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008322 (JP). INADA, Masakatsu [JP/JP]; c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008322 (JP).
- (74) IIDA, Toshizo; ISHII Bldg. 3F, 1-10, Shimobashi 3-chome, Minato-ku, Tokyo, 1050004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/304, B81C 1/00
(11) WO 2004/107425 (13) A1
(21) PCT/JP2004/007360
(22) 28 May/mai 2004 (28.05.2004)
(25) ja (26) ja
(30) 2003-151607 28 May/mai 2003 JP (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF PROCESSING SILICON WAFER
• PROCEDE DE TRAITEMENT DE PLAQUETTES DE SILICIUM
- (71) SUMITOMO MITSUBISHI SILICON CORPORATION [JP/JP]; 2-1, Shibaura 1-chome, Minato-ku, Tokyo 1058634 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOYATA, Sakae [JP/JP]; c/o SUMITOMO MITSUBISHI SILICON CORPORATION, 2-1, Shibaura 1-chome, Minato-ku, Tokyo 1058634 (JP). TAKAISHI, Kazushige [JP/JP]; c/o SUMITOMO MITSUBISHI SILICON CORPORATION, 2-1, Shibaura 1-chome, Minato-ku, Tokyo 1058634 (JP).
- (74) SUDA, Masayoshi; Nissei Higashi-Ikebukuro Bldg., 11-1, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 1700013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/304, B08B 3/08
(11) WO 2004/107426 (13) A1
(21) PCT/JP2004/007536
(22) 26 May/mai 2004 (26.05.2004)
(25) ja (26) ja
(30) 2003-148778 27 May/mai 2003 JP (27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SUBSTRATE PROCESSING APPARATUS HAVING MAGNET AND PROCESSING METHOD
• APPAREIL DE TRAITEMENT DE SUBSTRAT PRESENTANT UN AIMANT ET PROCEDE DE TRAITEMENT
- (71) PERSONAL CREATION LTD. [JP/JP]; 2-9-101, Kitayamada 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARANO, Riichiro [JP/JP]; 2-9-101, Kitayamada 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0021 (JP).
- (74) KOZU, Takako et al. / etc.; c/o Hirai & Kozu, 41-2-111, Senju Akebono-cho, Adachi-ku, Tokyo 120-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • SURFACE TREATING METHOD USING ION BEAM AND SURFACE TREATING DEVICE
• PROCEDE DE TRAITEMENT DE SURFACE A L'AIDE D'UN DISPOSITIF DE TRAITEMENT DE SURFACE PAR FAISCEAU IONIQUE
- (71) KYOTO UNIVERSITY [JP/JP]; 36-1, Yoshidahonmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAOKA, Gikan [JP/JP]
- (74) SHIMIZU, Yoshihiro et al. / etc.; 3rd Floor, Yashiro Building, 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/304

(11) WO 2004/107427 (13) A1

(21) PCT/JP2004/007560

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003-154642 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SUBSTRATE CLEANING APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE NETTOYAGE DE SUBSTRATS

(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda, Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIOKA, Yukiko [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). ATO, Koji [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). YONEKURA, Ryosuke [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). ARIGA, Yoshikazu [JP/JP]; 2-25-7-404, Engyo, Fujisawa-shi, Kanagawa 2520805 (JP).

(74) WATANABE, Isamu et al. / etc.; Gowa Nishi-shinjuku 4F, 5-8, Nishi-shinjuku 7-chome, Shinjuku-ku, Tokyo 1600023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H01L 21/304

(11) WO 2004/107428 (13) A1

(21) PCT/JP2004/007571

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-149782 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PRODUCTION METHOD FOR SEMI-CONDUCTOR WAFER

• PROCEDE DE PRODUCTION POUR PLAQUETTES DE SEMI-CONDUCTEUR

(71) SUMITOMO MITSUBISHI SILICON CORPORATION [JP/JP]; 1-2-1, Shibaura, Minato-ku, Tokyo 105-8634 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASAKAWA, Keiichiro [JP/JP]; c/o Sumitomo Mitsubishi Silicon, Corporation, 1-2-1, Shibaura, Minato-ku, Tokyo 105-8634 (JP).

(74) OSHIDA, Yoshiteru et al. / etc.; Ginza Bldg., 3-12, Ginza 3-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/304, B24B 37/00, C09K 3/14

(11) WO 2004/107429 (13) A1

(21) PCT/JP2004/007746

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-150319 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ABRASIVE AND METHOD OF POLISHING

• ELEMENT ABRASIF ET PROCEDE DE POLISSAGE

(71) HITACHI CHEMICAL CO., LTD. [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, 1630449 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOYAMA, Naoyuki [JP/JP]MACHII, Youichi [JP/JP]YOSHIDA, Masato [JP/JP]FUKASAWA, Masato [JP/JP]ASHIZAWA, Toranosuke [JP/JP]

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/31

(11) WO 2004/107430 (13) A1

(21) PCT/JP2004/007485

(22) 31 May/mai 2004 (31.05.2004)

(25) ja (26) ja

(30) 2003-152808 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PLASMA PROCESSING APPARATUS AND PLASMA PROCESSING METHOD

• DISPOSITIF ET PROCEDE DE TRAITEMENT AU PLASMA

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NOZAWA, Toshihisa [JP/JP]; c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 6600891 (JP). ISHIBASHI, Kiyotaka [JP/JP]; c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 6600891 (JP). NAKANISHI, Toshio [JP/JP]; c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 6600891 (JP).

(74) KANEMOTO, Tetsuo et al. / etc.; Kanemoto, Kameya, Hagiwara, and Inoue Shinjuku Akebonobashi Building, 1-12, Sumiyoshi-cho, Shinjuku-ku, Tokyo 1620065 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/316, 29/78

(11) WO 2004/107431 (13) A1

(21) PCT/JP2004/007841

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-154812 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR MODIFYING INSULATING FILM

• PROCEDE PERMETTANT DE MODIFIER UN FILM ISOLANT

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGAWARA, Takuya [JP/US]; c/o TOKYO ELECTRON AMERICA Inc., 2953, Bunker Hill Lane, Suite 300, Santa Clara, California, 95054 (US). TADA, Yoshihide [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho,

- Nirasaki-shi, Yamanashi, 4070192 (JP). NAKAMURA, Genji [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi, 4070192 (JP). OZAKI, Shigenori [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo, 6600891 (JP). NAKANISHI, Toshio [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo, 6600891 (JP). SASAKI, Masaru [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo, 6600891 (JP). MATSUYAMA, Seiji [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo, 6600891 (JP). HASEBE, Kazuhide [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi, 4070192 (JP). NAKAJIMA, Shigeru [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi, 4070192 (JP). FUJIWARA, Tomonori [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi, 4070192 (JP).
- (74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1058423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/60, H05K 3/34, B23K 3/00
(11) WO 2004/107432 (13) A1
(21) PCT/JP2003/006748
(22) 29 May/mai 2003 (29.05.2003)
(25) ja (26) ja
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PACKAGING METHOD OF ELECTRONIC COMPONENT, REMOVING METHOD AND DEVICES THEREFOR
• PROCEDE D'ENCAPSULATION D'UN COMPOSANT ELECTRONIQUE, PROCEDE DE RETRAIT ET DISPOSITIFS ASSOCIES
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATO, Toshihisa [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) UNEMOTO, Shoichi; UNEMOTO PATENT OFFICE, 29-9, Amanuma 3-chome, Suginami-ku, Tokyo 167-0032 (JP).
- (81) JP US.
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- (51)⁷ H01L 21/762, 21/306
(11) WO 2004/107433 (13) A1
(21) PCT/US2004/016385
(22) 24 May/mai 2004 (24.05.2004)
(25) en (26) en
(30) 60/472,915 23 May/mai 2003 US (23.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS AND METHOD FOR PHOTO-THERMAL DOPANT ACTIVATION IN SEMICONDUCTORS
• APPAREIL ET PROCEDE D'ACTIVATION PHOTO-THERMIQUE DE DOPANTS DANS DES SEMI-CONDUCTEURS
- (71) ACCENT OPTICAL TECHNOLOGIES, INC. [US/US]; 131 NW Hawthorne, Suite 207, Bend, OR 97701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAMIENIECKI, Emil [US/US]; 68 Mazzeo Drive, Randolph, MA 02368 (US).
- (74) HOTCHKISS, Edward, S. et al. / etc.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ H01L 21/768
(11) WO 2004/107434 (13) A1
(21) PCT/JP2004/007791
(22) 28 May/mai 2004 (28.05.2004)
(25) ja (26) ja
(30) 2003-152743 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WIRING STRUCTURE AND METHOD FOR PRODUCING SAME
• STRUCTURE DE CABLAGE ET SON PROCEDE DE CONSTITUTION
- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). NEC ELECTRONICS CORPORATION [JP/JP]; 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 2118668 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TADA, Munehiro [JP/JP]; c/o Nec Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). HAYASHI, Yoshihiro [JP/JP]; c/o Nec Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).
- HARADA, Yoshimichi [JP/JP]; c/o Nec Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). ITO, Fuminori [JP/JP]; c/o Nec Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). OHTAKE, Hiroto [JP/JP]; c/o Nec Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). USAMI, Tatsuya [JP/JP]; c/o Nec Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 2118668 (JP).
- (74) HAMADA, Haruo; Wisdom House, 4-12, Minami-Aoyama 3-chome, Minato-ku, Tokyo 1070062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/8246, 27/115, 21/336
(11) WO 2004/107435 (13) A1
(21) PCT/EP2004/004772
(22) 5 May/mai 2004 (05.05.2004)
(25) de (26) de
(30) 10324550.2 30 May/mai 2003 DE (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NROM SEMICONDUCTOR MEMORY DEVICE AND PRODUCTION METHOD
• DISPOSITIF MEMOIRE A SEMI-CONDUCTEUR NROM ET PROCEDE DE FABRICATION DUDIT DISPOSITIF
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOFMANN, Franz [DE/DE]; Herbergstrasse 25b, 80995 München (DE). LANGGRAF, Erhard [DE/DE]; Watzmannstrasse 3, 81541 München (DE). SPECHT, Michael [DE/DE]; Schraudolphstrasse 42, 80799 München (DE).
- (74) BARTH, Stephan; Reinhard, Skuhra, Weise & Partner GbR, Friedrichstrasse 31, 80801 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01L 23/02

(11) WO 2004/107436 (13) A1

(21) PCT/US2004/015639

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/442,549 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEMICONDUCTOR PACKAGE HAVING FILLER METAL OF GOLD/SILVER/COPPER ALLOY

- BOITIER A SEMI-CONDUCTEURS COMPRENANT UN METAL D'APPORT FORME D'UN ALLIAGE OR/ARGENT/CUIVRE

(71) KYOCERA AMERICA, INC. [US/US]; 8611 Balboa Avenue, San Diego, CA 92123-1580 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOBSINGER, Joshua, David [US/US]; Apt. Z-108, 5332 Repecho Drive, San Diego, CA 92124 (US). SHANE, Michael, John [US/US]; 2858 Corte Papaya, Carlsbad, CA 92009 (US). BROSAS, Ronaldo, Francisco, Hernandez [PH/US]; 2073 Hanford Drive, San Diego, CA 92111 (US).

(74) SCHERLACHER, John, P. et al. / etc.; Hogan & Hartson L.L.P., Biltmore Tower, Suite 1900, 500 South Grand Avenue, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01L 23/055, 31/0232, 27/146

(11) WO 2004/107437 (13) A1

(21) PCT/SG2004/000132

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 200303242-2 30 May/mai 2003 SG (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMAGE SENSING MODULE AND METHOD FOR CONSTRUCTING THE SAME

- MODULE DE DETECTION D'IMAGE ET SON PROCEDE DE CONSTRUCTION

(71) VALEN TECHNOLOGIES (S) PTE LTD [SG/SG]; Block 996, #03-07 Bendemeer Road, Singapore 339944 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEE, Teck, Lee [SG/SG]; 17 Tosca Terrace, Singapore 455411 (SG). ANG, Chee, Wee [SG/SG]; Block 249, Compassvale Road #14-600, Singapore 540249 (SG).

(74) LAWRENCE Y D HO & ASSOCIATES PTE LTD; 30 Bideford Road, #07-01 Thongsia Building, Singapore 229922 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 23/12, H01S 5/022

(11) WO 2004/107438 (13) A1

(21) PCT/JP2004/005955

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-152927 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SUBMOUNT AND SEMICONDUCTOR DEVICE USING SAME

- SOUS-SUPPORT ET DISPOSITIF SEMI-CONDUCTEUR UTILISANT CELUI-CI

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMOH, Teruo [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP). ISHII, Takashi [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP). HIGAKI, Kenjiro [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP). TSUZUKI, Yasushi [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP).

(74) NAKANO, Minoru et al. / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, konohana-ku, Osaka-shi, Osaka 5540024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 23/433, 25/065, 23/31, 23/13

(11) WO 2004/107439 (13) A1

(21) PCT/SG2003/000126

(22) 28 May/mai 2003 (28.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AN INTEGRATED CIRCUIT PACKAGE EMPLOYING A HEAD-SPREADER MEMBER

- BOITIER DE CIRCUIT INTEGRE MET-TANT EN APPLICATION UN DISSIPATEUR THERMIQUE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 Munich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FERNANDEZ, Elstan Anthony [IN/SG]; Blk 105 Aljunied Crescent #02-221, Singapore 380105 (SG).

(74) WATKIN, Timothy Lawrence Harvey; Lloyd Wise, Tanjong Pagar, P.O.Box 636, Singapore 910816 (SG).

(81) SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 25/065, 25/07, 25/18

(11) WO 2004/107440 (13) A1

(21) PCT/JP2004/007377

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-150834 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRONIC PARTS, MODULE, MODULE ASSEMBLING METHOD, IDENTIFICATION METHOD, AND ENVIRONMENT SETTING METHOD

- PARTIES ELECTRONIQUES, MODULE, PROCEDE D'ASSEMBLAGE DE MODULE, PROCEDE D'IDENTIFICATION, ET PROCEDE D'INSTALLATION D'ENVIRONNEMENT

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP). TOSHIBA CORPORATION [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 1058001 (JP). RENESAS TECHNOLOGY CORPORATION [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SATOH, Tomotoshi [JP/JP]; 147, Tsutsujigaokakita 5-bancho, Nabari-shi, Mie 5180435 (JP). NEMOTO, Yoshihiko [JP/JP]; c/o Renesas Technology Corporation, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP). TAKAHASHI, Kenji [JP/JP]; Demeure Tsukuba 401, 17-4, Azuma 4-chome, Tsukuba-shi, Ibaraki 3050031 (JP). AKIYAMA, Yukiharu [JP/JP]; c/o Renesas Technology Corporation, 20-1, Josuihon-cho 5-chome, Kodaira-shi, Tokyo 1878588 (JP).
- (74) SAIKYO, Keiichiro et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5410051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L 25/065, 23/36, H05K 7/20
(11) WO 2004/107441 (13) A1
(21) PCT/SG2003/000125
(22) 28 May/mai 2003 (28.05.2003)
(25) en (26) en
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AN INTEGRATED CIRCUIT PACKAGE EMPLOYING A FLEXIBLE SUBSTRATE
• BOITIER DE CIRCUIT INTEGRE A SUBSTRAT FLEXIBLE
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St-Martin-Srasse 53, D-81699 Munich (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FERNANDEZ, Elstan, Anthony [IN/SG]; Blk 105 Aljunied Crescent, #02-221, Singapore 380105 (SG).
- (74) WATKIN, Timothy Lawrence Harvey; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 25/075, 33/00
(11) WO 2004/107443 (13) A1
(21) PCT/CH2003/000351
(22) 3 Jun/juin 2003 (03.06.2003)
(25) de (26) de
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INSULATED METAL SUBSTRATE WITH AT LEAST ONE LIGHT DIODE, LIGHT DIODE MATRIX AND PRODUCTION METHOD
• SUBSTRAT METALLIQUE ISOLE POURVU D'AU MOINS UNE DIODE ELECTROLUMINESCENTE, MATRICE DE DIODES ELECTROLUMINESCENTES ET PROCEDE DE FABRICATION
- (71) ASETRONICS AG [CH/CH]; Freiburgrasse 251, CH-3018 Bern 18 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEBER, Walter [CH/CH]; Pfaffenholzstrasse 14, 3184 Wünnewil (CH).
- (74) RUTZ, ISLER & PARTNER; Peter Rutz, Postfach 4627, CH-6304 Zug (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
-
- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 27/04
(11) WO 2004/107444 (13) A1
(21) PCT/JP2003/006780
(22) 29 May/mai 2003 (29.05.2003)
(25) ja (26) ja
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SEMICONDUCTOR DEVICE
• DISPOSITIF SEMI-CONDUCTEUR
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIKAWA, Kazuyasu [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). HASHIZUME, Yasushi [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-Chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01L 27/082
(11) WO 2004/107445 (13) A1
(21) PCT/US2004/008397
(22) 20 Mar/mar 2004 (20.03.2004)
(25) en (26) en
(30) 10/442,489 21 May/mai 2003 US (21.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR FABRICATING A SELF-ALIGNED BIPOLAR TRANSISTOR WITH PLANARIZING LAYER AND RELATED STRUCTURE
• PROCEDE DE FABRICATION D'UN TRANSISTOR BIPOLAIRE AUTOALIGNE DOTE D'UNE COUCHE DE PLANARISATION ET STRUCTURE ASSOCIEE
- (71) NEWPORT FAB, LLC DBA JAZZ SEMICONDUCTOR [US/US]; 4321 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) KALBURGE, Amol; 4371 Rafael Street, Irvine, CA 92604 (US). YIN, Kevin, Q.; 28 Santa Cruz Aisle, Irvine, CA 92606 (US).
- (74) FARJAMI, Michael; Farjami & Farjami LLP, 26522 La Alameda Ave., Suite 360, Mission Viejo, CA 92691 (US).

Declaration / Déclaration :

(u) for / pour US only / seulement

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01L 27/105, 27/108, 21/8242

(11) WO 2004/107446 (13) A1

(21) PCT/JP2004/003450

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-149444 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEMICONDUCTOR DEVICE AND PROCESS FOR PRODUCING THE SAME

• DISPOSITIF SEMI-CONDUCTEUR ET PROCÉDE DE PRODUCTION ASSOCIÉ

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIKAWA, Takumi/JUDAI, Yuji/KUT-SUNAI, Toshie

(74) MAEDA, Hiroshi et al. / etc.; Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 5500004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 27/14, 27/146, 27/148, H04N 5/33, 5/335

(11) WO 2004/107447 (13) A1

(21) PCT/JP2004/006593

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 2003-154898 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SOLID-STATE IMAGE SENSING APPARATUS AND METHOD OF MANUFACTURING THE SAME

• DETECTEUR D'IMAGE A SEMI-CONDUCTEURS ET PROCÉDE DE FABRICATION

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEKIGUCHI, Yoshinobu [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(74) OHTSUKA, Yasunori; Shuwa Kioicho Park Bldg., 7th Floor, 3-6, Kioicho, Chiyoda-ku, Tokyo 102-0094 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/78, 21/336, 29/872, 29/06

(11) WO 2004/107448 (13) A1

(21) PCT/IB2004/001779

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312512.7 31 May/mai 2003 GB (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEMICONDUCTOR DEVICE HAVING AN EDGE TERMINATION STRUCTURE AND METHOD OF MANUFACTURE THEREOF

• DISPOSITIF SEMI-CONDUCTEUR COMPRENANT UNE STRUCTURE DE TERMINAISON DE BORD, ET SON PROCÉDE DE FABRICATION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROVER, Raymond, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(74) WHITE, Andrew, G.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01L 29/78, 29/739, 29/06, 21/336, 21/331, 27/02, 29/861

(11) WO 2004/107449 (13) A1

(21) PCT/IB2004/001791

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312514.3 31 May/mai 2003 GB (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TERMINATION STRUCTURES FOR SEMICONDUCTOR DEVICES AND THE MANUFACTURE THEREOF

• STRUCTURES DE TERMINAISON POUR DISPOSITIFS SEMI-CONDUCTEURS ET LEUR FABRICATION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROVER, Raymond, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(74) WHITE, Andrew, G.; c/o Philips Intellectual Property & Stan, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01L 29/78, 21/336, 27/092, 21/8238,
29/423, 21/28

(11) WO 2004/107450 (13) A1

(21) PCT/JP2003/006898

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEMICONDUCTOR AND ITS MANUFACTURING METHOD

• SEMI-CONDUCTEUR ET SON PROCÉDE DE FABRICATION

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOTO, Kenichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). MORIOKA, Hiroshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KOJIMA, Manabu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OKABE, Kenichi [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP).

(74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA, 4th Fl., Okachimachi Tohsei Bldg., 3-12-1, Taito, Taito-ku, Tokyo 110-0016 (JP).

(81) JP US.

(51)⁷ H01L 29/78, 21/336, 21/316, 21/31

(11) WO 2004/107451 (13) A1

(21) PCT/JP2004/007480

(22) 31 May/mai 2004 (31.05.2004)

(25) ja (26) ja

(30) 2003-153232 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEMICONDUCTOR DEVICE FITTED WITH MIS TYPE FIELD-EFFECT TRANSISTOR, PROCESS FOR PRODUCING THE SAME AND METHOD OF FORMING METAL OXIDE FILM

• COMPOSANT A SEMI-CONDUCTEUR COMPORTANT UN TRANSISTOR A EFFET DE CHAMP DE TYPE MIS, SON PROCÉDE DE FABRICATION ET PROCÉDE DE CREATION D'UNE COUCHE MINCE D'OXYDE DE METAL

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TATSUMI, Toru [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). IKARASHI, Nobuyuki [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).

(74) INAGAKI, Kiyoshi et al. / etc.; c/o FUSOH PATENT FIRM, Rindo Building 5F, 37, Kanda-Higashimatsushita-cho, Chiyoda-ku, Tokyo 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/786, 21/336

(11) WO 2004/107452 (13) A1

(21) PCT/JP2004/007872

(22) 31 May/mai 2004 (31.05.2004)

(25) ja (26) ja

(30) 2003-155043 30 May/mai 2003 JP
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

• DISPOSITIF A SEMI-CONDUCTEURS ET PROCÉDE DE FABRICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SORADA, Haruyuki; TAKAGI, Takeshi; ASAI, Akira; KANZAWA, Yoshiko; KATAYAMA, Kouji; IWANAGA, Junko

(74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent Office 3rd Fl., Bo-eki Bldg., 123-1, Higashimachi, Chuo-ku, Kobe-shi, Hyogo 6500031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01L 29/786

(11) WO 2004/107453 (13) A1

(21) PCT/KR2004/001252

(22) 27 May/mai 2004 (27.05.2004)

(25) ko (26) en

(30) 10-2003-0033870 27 May/mai 2003 KR
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR ANNEALING SILICON THIN FILMS AND POLYCRYSTALLINE SILICON THIN FILMS PREPARED THEREFROM

• PROCÉDE DE RECUIET DE FILMS MINCES AU SILICIUM ET DE FILMS MINCES AU SILICIUM POLYCRISTALLIN ELABORES A PARTIR DE CES FILMS

(71, 72) RO, Jae-Sang [KR/KR]; 105-301, Samsung River Sweet Apt., Dongbuichon-dong, Yongsan-gu, Seoul 140-720 (KR).

(72, 75) HONG, Won-Eui [KR/KR]; 331-510, 19-cha, Hanshin Apt., Jamwon-dong, Seochon-gu, Seoul 137-951 (KR).

(74) SOHN, Chang, Kyu; 4F, Halla Bldg., 641-17, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/872, 29/07

(11) WO 2004/107454 (13) A1

(21) PCT/IB2004/050765

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03101538.1 27 May/mai 2003 EP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PUNCH-THROUGH DIODE AND METHOD OF PROCESSING THE SAME

• DIODE DE CLAQUAGE ET SON PROCÉDE DE FABRICATION

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) **KONINKLIJKE PHILIPS ELECTRONICS N. V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) **RITTER, Hans-Martin** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). **LÜBBE, Martin** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). **WYNANTS, Jochen** [NL/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) **MEYER, Michael**; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 31/0352, 31/0232, 27/146

(11) WO 2004/107455 (13) A1

(21) PCT/EP2004/050932

(22) 26 May/mai 2004 (26.05.2004)

(25) fr (26) fr

(30) 03/06432 27 May/mai 2003 FR (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTROMAGNETIC WAVE DETECTOR WITH AN OPTICAL COUPLING SURFACE COMPRISING LAMELLAR PATTERNS

• DETECTEUR D'ONDES ELECTROMAGNETIQUES AVEC SURFACE DE COUPLAGE OPTIQUE COMPRENANT DES MOTIFS LAMELLAIRES

(71) **THALES** [FR/FR]; 45, rue de Villiers, F-92200 NEUILLY-SUR-SEINE (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOIS, Philippe** [FR/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL Cedex (FR). **COSTARD, Eric** [FR/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL Cedex (FR). **DE ROSSI, Alfredo** [IT/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL Cedex (FR). **NEDELCO, Alexandru** [FR/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL Cedex (FR).

(74) **ESSELIN, Sophie et al.** / etc.; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 ARCUEIL (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 31/06

(11) WO 2004/107456 (13) A1

(21) PCT/US2003/014268

(22) 8 May/mai 2003 (08.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • STACKED SWITCHABLE ELEMENT AND DIODE COMBINATION WITH A LOW BREAKDOWN SWITCHABLE ELEMENT

• COMBINAISON D'ELEMENT COMMUTABLE ET DE DIODE EMPILES DOTEE D'UN ELEMENT COMMUTABLE PEU SUSCEPTIBLE DE CLAUQUAGE

(71) **MIDWEST RESEARCH INSTITUTE** [US/US]; 425 Volker Boulevard, Kansas City, MO 64110 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WANG, Qi** [US/US]; 8552 South Miller Court, Littleton, CO 80127 (US). **WARD, James, Scott** [US/US]; 3084 South Bannock, Englewood, CO 80110 (US). **HU, Jian** [CN/US]; 1801 E. Girard Place, Apt. 123, Englewood, CO 80110 (US). **BRANZ, Howard, M.** [US/US]; 897 Laurel Avenue, Boulder, CO 80303 (US).

(74) **WHITE, Paul, J. et al.** / etc.; National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, CO 80401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ H01L 33/00

(11) WO 2004/107457 (13) A2

(21) PCT/CA2004/000791

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,282 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LED INSPECTION LAMP, CLUSTER LED, AND LED WITH STABILIZING AGENTS

• LAMPE BALADEUSE A DIODES ELECTROLUMINESCENTES, GROUPE DE DEL, ET DEL COMPORTANT DES AGENTS DE STABILISATION

(71) **BRASSCORP LIMITED** [CA/CA]; 961 Alness Street, North York, Ontario M3J 2J1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLIPSTEIN, Donald, L.** [US/US]; 7200 Merion Terrace, Apt. B413, Upper Darby, PA 19082 (US). **CRANTON, George, E.** [CA/CA]; 79-1199 Hamilton Rd., London, Ontario N5W 5Z9 (CA). **BRASS, Jack** [CA/CA]; 96 Hillmount Avenue, Toronto, Ontario M6B 1X6 (CA).

(74) **WILKES, Robert, H.**; 193R Brunswick Ave., Toronto, Ontario M5S 2M4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 33/00

(11) WO 2004/107458 (13) A2

(21) PCT/EP2004/006009

(22) 3 Jun/juin 2004 (03.06.2004)

(25) en (26) en

(30) 2003-158040 3 Jun/juin 2003 JP (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ENCAPSULATING COMPOSITION FOR LED

• COMPOSITION D'ENCAPSULATION POUR DIODES ELECTROLUMINESCENTES

(71) **WACKER-CHEMIE GMBH** [DE/DE]; Hanns-Seidel-Platz 4, 81737 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) NAKAZAWA, Keiichi [JP/JP]; 9-32 Matsushiro 4-chome, Tsukuba, Ibaragi Prefecture (JP).
- (74) SCHUDERER, Michael et al. / etc.; c/o Wacker-Chemie GmbH, Hanns-Seidel-Platz 4, 81737 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 33/00, C09K 11/06, H01J 61/40, 61/35
- (11) WO 2004/107459 (13) A1
- (21) PCT/JP2004/007674
- (22) 27 May/mai 2004 (27.05.2004)
- (25) ja (26) ja
- (30) 2003-154571 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LIGHT-EMITTING DEVICE
- ..
- (71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIMIZU, Kanji [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). MURAYAMA, Tetsuo [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP).
- (74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 33/00
- (11) WO 2004/107460 (13) A1
- (21) PCT/JP2004/007792
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-154745 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOUND SEMICONDUCTOR AND METHOD FOR PRODUCING SAME
- SEMI-CONDUCTEUR COMPOSITE ET SON PROCEDE DE FABRICATION
- (71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIMIZU, Masaya [JP/JP]; 20-1-150, Hoshigoe-cho, Niihama-shi, Ehime 7920009 (JP). SASAKI, Makoto [JP/JP]; 2-13-10-302, Amakubo, Tsukuba-shi, Ibaraki 3050005 (JP). TSUCHIDA, Yoshihiko [JP/JP]; 2-14-31, Umezono, Tsukuba-shi, Ibaraki 3050045 (JP).
- (74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 33/00, 23/34
- (11) WO 2004/107461 (13) A1
- (21) PCT/KR2004/001153
- (22) 14 May/mai 2004 (14.05.2004)
- (25) ko (26) en
- (30) 10-2003-0033989 28 May/mai 2003 KR (28.05.2003)
- (30) 10-2003-0067949 30 Sep/sep 2003 KR (30.09.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LIGHT EMITTING DIODE PACKAGE AND LIGHT EMITTING DIODE SYSTEM HAVING AT LEAST TWO HEAT SINKS
- BOITIER POUR DIODES ELECTROLUMINESCENTES ET SYSTEME A DIODES ELECTROLUMINESCENTES COMPRENANT AU MOINS DEUX DRAINS THERMIQUES
- (71) SEOUL SEMICONDUCTOR CO., LTD. [KR/KR]; 148-29 Gasan-dong, Geumcheon-gu, Seoul 153-801 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAN, Kwan Young [KR/KR]; 105-2412 Woosung APT., 1707 Bongcheon-dong, Gwanak-gu, Seoul 151-050 (KR). PARK, Kwang Il [KR/KR]; 302 Sunwoo village, 909-19 Bongcheonbon-dong, Gwanak-gu, Seoul 151-840 (KR). CHO, Jae Ho [KR/KR]; 139-204 Singongdeok-dong, Mapo-gu, Seoul 121-853 (KR). SEO, Jung Hoo [KR/KR]; 862-5 Siheungbon-dong, Geumcheon-gu, Seoul 153-857 (KR). RYU, Seong Ryeol [KR/KR]; A-402 Jeongwha Villa, 34-2 Sosa-dong, Wonmi-gu, Bucheon-si, Gyeonggi-do 420-818 (KR).
- (74) LEE, Soo-Wan et al. / etc.; 1901-ho, Keungil Tower 19F, 677-25 Yeoksam-dong, Gangnam-gu, Seoul 135-914 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 37/04, H02K 1/02, 21/22, F01K 21/06
- (11) WO 2004/107462 (13) A1
- (21) PCT/CA2004/000691
- (22) 10 May/mai 2004 (10.05.2004)
- (25) en (26) en
- (30) 10/452,135 3 Jun/juin 2003 US (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD, APPARATUS AND SYSTEM FOR CONTROLLING AN ELECTRIC MACHINE
- PROCEDE, DISPOSITIF ET SYSTEME POUR COMMANDER UNE MACHINE ELECTRIQUE
- (71) PRATT & WHITNEY CANADA CORP. [CA/CA]; c/o Todd Bailey, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Quebec J4G 1A1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOOLEY, Kevin [CA/CA]; 2605 Woodchester Drive, Unit 45, Mississauga, Ontario L5K 2E3 (CA).
- (74) BAILEY, Todd; Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ H01L 39/04, G01R 33/035, H01J 37/04,
G01T 7/00, 1/29, H05H 13/04
- (11) WO 2004/107463 (13) A1
- (21) PCT/JP2004/007346
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-155407 30 May/mai 2003 JP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BEAM CURRENT METER
• COURANTOMETRE DE FAISCEAU
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi,
Saitama, 3510198 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) WATANABE, Tamaki [JP/JP]; c/o
RIKEN, 2-1, Hirosawa, Wako-shi, Saitama,
3510198 (JP). KATAYAMA, Takeshi
[JP/JP]; c/o RIKEN, 2-1, Hirosawa,
Wako-shi, Saitama, 3510198 (JP). KASE,
Masayuki [JP/JP]; c/o RIKEN, 2-1, Hiro-
sawa, Wako-shi, Saitama, 3510198 (JP).
IKEDA, Tokihiro [JP/JP]; c/o RIKEN, 2-1,
Hirosawa, Wako-shi, Saitama, 3510198 (JP).
WATANABE, Shin-ichi [JP/JP]; c/o the Uni-
versity of Tokyo, 7-3-1, Hongo, Bunkyo-ku,
Tokyo, 1130033 (JP). KAWAGUCHI, Takeo
[JP/JP]; 779-1, Noguchi, Noguchi-machi,
Kakogawa-shi, Hyogo, 6750012 (JP).
- (74) UESHIMA, Junichi; 5-11-404, Nishi
Ikebukuro 1-chome, Toshima-ku, Tokyo,
1710021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H01L 41/047, 41/083, B23K 1/20
- (11) WO 2004/107464 (13) A1
- (21) PCT/EP2004/050768
- (22) 12 May/mai 2004 (12.05.2004)
- (25) de (26) de
- (30) 103 24 871.4 2 Jun/juin 2003 DE
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTROTECHNICAL PRODUCT
AND ASSOCIATED PRODUCTION
METHOD
• PRODUIT ELECTROTECHNIQUE ET
SON PROCEDE DE PRODUCTION
- (71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SCHUH, Carsten [DE/DE]; Heideweg
9, 85598 Baldham (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H01L 41/053
- (11) WO 2004/107465 (13) A2
- (21) PCT/EP2004/050944
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 03012439.0 30 May/mai 2003 EP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • THERMALLY COMPENSATED PIEZO-
ELECTRIC ASSEMBLY
• ENSEMBLE PIEZO-ELECTRIQUE A
COMPENSATION THERMIQUE
- (71) SIEMENS VDO AUTOMOTIVE S.P.A.
[IT/IT]; S.S. 206 - km 28 - Loc. Luciana,
I-56040 Fauglia (IT).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MARIANI, Giuseppe [IT/IT]; V.
Piero Ciampi 46, I-57128 Livorno (IT).
ZANOBONI, Cristiano [IT/IT]; V. Marie
Curie 9f, I-57016 Rosignano Solvay (IT).
- (74) SIEMENS VDO AUTOMOTIVE S.P.A.;
Peter Berg-European Paten Attorney, Post-
fach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H01L 49/02, 27/10
- (11) WO 2004/107466 (13) A1
- (21) PCT/JP2004/006504
- (22) 7 May/mai 2004 (07.05.2004)
- (25) ja (26) ja
- (30) 2003-130102 8 May/mai 2003 JP
(08.05.2003)
- (30) 2003-325806 18 Sep/sep 2003 JP
(18.09.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRIC SWITCH AND STORAGE
DEVICE USING SAME
• COMMUTATEUR ELECTRIQUE ET
DISPOSITIF DE STOCKAGE UTILI-
SANT LE COMMUTATEUR
- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MIZUUCHI, Kiminori YAMAMOTO,
Kazuhisa SUGITA, Tomoya MORIKAWA,
Akihiro
- (74) IKEUCHI SATO & PARTNER PATENT
ATTORNEYS; 26th Floor, OAP TOWER
8-30, Tenmabashi 1-chome, Kita-ku, Os-
aka-shi, Osaka, 5306026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H01L 51/00
- (11) WO 2004/107467 (13) A2
- (21) PCT/EP2004/005601
- (22) 25 May/mai 2004 (25.05.2004)
- (25) de (26) de
- (30) 103 24 880.3 30 May/mai 2003 DE
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR PRODUCING ORG-
ANIC LIGHT-EMITTING DIODES
(OLED'S)
• PROCEDE DE PRODUCTION DE DIS-
POSITIFS OU DE DIODES ELECTRO-
LUMINESCENT(E)S ORGANIQUES
(OLED)
- (71) SCHOTT AG [DE/DE]; Hattenbergstrasse
10, 55122 Mainz (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) OTTERMANN, Clemens [DE/DE];
Eppsteiner Strasse 4, 65795 Hattersheim
(DE). SPARSCHUH, Georg [DE/DE];
Fritz-Huxel-Strasse 2, 55459 Aspisheim
(DE).
- (74) HERDEN, Andreas; Blumbach, Kramer
& Partner GbR, Alexandrastrasse 5, 65187
Wiesbaden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H01L 51/00
(11) WO 2004/107468 (13) A2
(21) PCT/EP2004/005842
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/474,427 30 May/mai 2003 US
(30.05.2003)
(30) Not furnished / 2 Apr/avr 2004 US
non communiqué (02.04.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • FLEXIBLE MULTILAYER PACKAGING
MATERIAL AND ELECTRONIC
DEVICES WITH THE PACKAGING
MATERIAL
• MATERIAU D'EMBALLAGE MULTI-
COUCHE SOUPLE ET DISPOSITIFS
ELECTRONIQUES CONTENANT LE-
DIT MATERIAU D'EMBALLAGE
(71) OSRAM OPTO SEMICONDUCTORS
GMBH [DE/DE]; Wernerwerkstrasse 2,
93049 Regensburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) HENSELER, Debora [DE/DE];
Am Färberhof 13, 91052 Erlangen
(DE). HEUSER, Karsten [DE/DE];
Georg-Frank-Strasse 17, 91056 Erlan-
gen (DE). PÄTZOLD, Ralph [DE/DE];
Immelmannstrasse 5, 91154 Roth (DE).
WITTMANN, Georg [DE/DE]; Erlenstrasse
10 A, 91074 Herzogenaurach (DE).
(74) EPPING HERMANN FISCHER PATEN-
TANWALTSGESELLSCHAFT MBH; Ri-
dlerstrasse 55, 80339 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
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VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H01L 51/20, 51/10, H05B 33/04
(11) WO 2004/107470 (13) A1
(21) PCT/EP2004/005841
(22) 28 May/mai 2004 (28.05.2004)
(25) en (26) en
(30) 60/475,078 30 May/mai 2003 US
(30.05.2003)
(30) 10/794,700 4 Mar/mar 2004 US
(04.03.2004)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • ORGANIC ELECTRONIC DEVICE
• DISPOSITIF ELECTRONIQUE ORGA-
NIQUE
(71) OSRAM OPTO SEMICONDUCTORS
GMBH [DE/DE]; Wernerwerkstrasse 2,
93049 Regensburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) HENSELER, Debora [DE/DE];
Am Färberhof 13, 91052 Erlangen
(DE). HEUSER, Karsten [DE/DE];
Georg-Frank-Strasse 17, 91056 Erlan-
gen (DE). PÄTZOLD, Ralph [DE/DE];
Immelmannstrasse 5, 91154 Roth (DE).
WITTMANN, Georg [DE/DE]; Erlenstrasse
10 A, 91074 Herzogenaurach (DE).
(74) EPPING HERMANN FISCHER PATEN-
TANWALTSGESELLSCHAFT MBH; Ri-
dlerstrasse 55, 80339 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H01L 51/00
(11) WO 2004/107469 (13) A2
(21) PCT/US2004/015522
(22) 14 May/mai 2004 (14.05.2004)
(25) en (26) en
(30) 60/473,868 27 May/mai 2003 US
(27.05.2003)
(72, 75) HENSELER, Debora [DE/DE];
Am Färberhof 13, 91052 Erlangen
(DE). HEUSER, Karsten [DE/DE];
Georg-Frank-Strasse 17, 91056 Erlan-
gen (DE). PÄTZOLD, Ralph [DE/DE];
Immelmannstrasse 5, 91154 Roth (DE).
WITTMANN, Georg [DE/DE]; Erlenstrasse
10 A, 91074 Herzogenaurach (DE).
(74) EPPING HERMANN FISCHER PATEN-
TANWALTSGESELLSCHAFT MBH; Ri-
dlerstrasse 55, 80339 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- Published / Publiée : (c)
(51)⁷ H01L 51/20
(11) WO 2004/107471 (13) A1
(21) PCT/US2004/012004
(22) 19 Apr/avr 2004 (19.04.2004)
(25) en (26) en
(30) 10/446,436 28 May/mai 2003 US
(28.05.2003)
(30) 10/657,626 8 Sep/sep 2003 US
(08.09.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • WHITE LIGHT-EMITTING DEVICE
STRUCTURES
• STRUCTURES DE DISPOSITIFS
EMETTEURS DE LUMIERE BLANCHE
(71) EASTMAN KODAK COMPANY
[US/US]; 343 State Street, Rochester, NY
14650-2201 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) HATWAR, Tukaram, Kisan [IN/US]; 8
Woodlyn Way, Penfield, NY 14526 (US).
(74) EASTMAN KODAK COMPANY; 343
State Street, Rochester, NY 14650-2201
(US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Published / Publiée : (c)
Declarations / Déclarations :
(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN

TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(f) for all designations / pour toutes les
designations; (t) for all designations / pour
toutes les désignations

(51)⁷ H01L 51/40

(11) WO 2004/107472 (13) A1

(21) PCT/IB2004/001379

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03405403.1 3 Jun/juin 2003 EP
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HIGH-RESOLUTION PATTERNING

• STRUCTURATION DE HAUTE RESO-
LUTION

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RIEL, Heike E [DE/CH]; Saeumer-
strasse 69, CH-8803 Rueschlikon (CH).
RIESS, Walter [DE/CH]; Vordere Augustin-
ergasse 7, CH-8800 Thalwil (CH). KARG,
Siegfried F [DE/CH]; Foerliweidstrasse 52,
CH-8134 Adliswil (CH).

(74) KLETT, Peter, M. et al. / etc.; IBM Re-
search GmbH, Zurich Research Laboratory /
IPL, Saeumerstrasse 4 / Postfach, CH-8803
Rueschlikon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H01L 51/40, 51/20

(11) WO 2004/107473 (13) A1

(21) PCT/IB2004/050680

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101430.1 20 May/mai 2003 EP
(20.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A FIELD EFFECT TRANSISTOR AR-
RANGEMENT AND METHOD OF
MANUFACTURING A FIELD EFFECT
TRANSISTOR ARRANGEMENT

• DISPOSITIF DE TRANSISTOR A EF-
FET DE CHAMP ET SON PROCÉDE DE
FABRICATION

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HUITEMA, Hjalmar, E., A. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). HUISMAN, Bart-Hendrik
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ H01M

(11) WO 2004/107474 (13) A2

(21) PCT/EP2004/003869

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) 103 23 881.6 26 May/mai 2003 DE
(26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTACT DEVICE AND FUEL CELL
STACK OR BLOCK COMPRISING ONE
SUCH CONTACT DEVICE

• DISPOSITIF DE CONTACT ET ASSEM-
BLAGE DE PILES A COMBUSTIBLE
OU BLOC DE PILES A COMBUSTIBLE
POURVU D'UN TEL DISPOSITIF DE
CONTACT

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAMMERSCHMIDT, Albert
[DE/DE]; Coburger Str. 47 A, 91056 Erlan-
gen (DE). HARTNACK, Herbert [DE/DE];
Mistelweg 12, 91056 Erlangen (DE). MAT-
TEJAT, Arno [DE/DE]; Jahnstr. 3 A, 91088

Bubenreuth (DE). MEHLTRETTER, Igor
[DE/DE]; Grasweg 42, 91054 Buckenhof
(DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01M

(11) WO 2004/107475 (13) A2

(21) PCT/US2004/015627

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/444,189 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ALKALINE ELECTROCHEMICAL
CELL HAVING MODIFIED GRAPHITE
ADDITIVE

• PILE ELECTROCHIMIQUE ALCALINE
POSSEDANT UN ADDITIF GRAPHITE
MODIFIÉ

(71) RAYOVAC CORPORATION [US/US];
601 Rayovac Drive, Madison, WI
53744-4960 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) QU, Dayang [CA/US]; 2937 Maple Run
Drive, Madison, WI 53719 (US). MAR-
SHALL, Trevor [GB/US]; 5520 Sheil Drive,
Oregon, WI 53575 (US). REDDING, Ken
[US/US]; 117 Doc Mac Drive, Boscobe, WI
53805 (US). MICHAELIS, Tom [US/US];
5607 Barbara Drive, Mavidson, WI 53711
(US). MIHARA, David [GB/US]; 5 San
Antonio Court, Madison, WI 53719 (US).
GARBER, Chris [GB/US]; 7924 Bowman
Road, Lodi, WI 53555 (US).

(74) FORMAN, Adam, J.; Quarles & Brady LLP,
411 East Wisconsin Avenue, Milwaukee, WI
53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01M

(11) WO 2004/107476 (13) A2

(21) PCT/US2004/016339

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 60/474,158 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND COMPOSITION FOR BONDING AND SEALING FUEL CELL COMPONENTS

- PROCEDE ET COMPOSITION POUR LIER ET FERMER HERMETIQUEMENT DES COMPOSANTS DE PILE A COMBUSTIBLE

(71) HENKEL CORPORATION [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEVANDOSKI, Michael, Paul [US/US]; 155 Wilderness Way, Bristol, CT 06010 (US). SARAZIN, Robert, Michael [US/US]; 17 South Road, Marlborough, CT 06447 (US).

(74) CUNNINGHAM, Marina, F., et al. / etc.; McCormick, Paulding & Huber LLP, 185 Asylum Street, CityPlace II, Hartford, CT 06103-3402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H01M

(11) WO 2004/107477 (13) A2

(21) PCT/US2004/016897

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/473,957 28 May/mai 2003 US
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • POLYMER ELECTROLYTE MEMBRANES (PEMS) BASED ON IMIDAZOLE RING TERMINATED FLEXIBLE BRANCHES GRAFTED ON HYBRID INORGANIC-ORGANIC POLYMERS

- MEMBRANES ELECTROLYTES POLYMERES (PEMS) A BASE DE RAMIFICATIONS SOUPLES TERMINEES

PAR UN CYCLE IMIDAZOLE GREFEES SUR DES POLYMERES ORGANIQUES-INORGANIQUES HYBRIDES

(63) US Not furnished / non communiqué (CON) 28 May/mai 2003 (28.05.2003)

(71) TOYOTA TECHNICAL CENTER USA, INC. [US/US]; 1555 Woodridge, RR#7, Ann Arbor, MI 48105 (US). GEORGIA TECH RESEARCH CORPORATION [US/US]; 505 10th Street, Atlanta, GA 30332 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Siwen [CN/US]; 500 Northside Circle, K-9, Atlanta, GA 30309 (US). LUI, Meilin [US/US]; 5015 Riverside Drive, Norcross, GA 30092 (US). SUN, Qunhui [CN/US]; 1962 Spectrum Circle, Suite 210, Marietta, GA 30067 (US). LI, Wen [—/US]; 3845 Green Brier Blvd., #337C, Ann Arbor, MI 48105 (US).

(74) ANDERSON, Thomas, E. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Avenue, Suite 400, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 2004/107478 (13) A2

(21) PCT/US2004/017218

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,010 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NON-OXIDIZING ELECTRODE ARRANGEMENT FOR EXCIMER LAMPS
• DISPOSITIF D'ELECTRODE NON OXYDANTE POUR DES LAMPES A EXCIMERES

(71) USHIO AMERICA, INC. [US/US]; 5440 Cerritos Avenue, Cypress, California 90630 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLAUS, Holger [DE/US]; 5440 Cerritos Avenue, Cypress, California 90630 (US). FALKENSTEIN, Zoran [DE/US]; 5440 Cerritos Avenue, Cypress, California 90630 (US).

(74) BLANCHE, Bradley D.; Paul, Hastings, Janofsky & Walker LLP, P.O. Box 919092, San Diego, California 92191-9092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 2/14

(11) WO 2004/107479 (13) A1

(21) PCT/KR2004/001257

(22) 28 May/mai 2004 (28.05.2004)

(25) ko (26) en

(30) 10-2003-0034685 30 May/mai 2003 KR
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RECHARGEABLE LITHIUM BATTERY USING SEPARATOR PARTIALLY COATED WITH GEL POLYMER

- BATTERIE AU LITHIUM RECHARGEABLE METTANT EN APPLICATION UN SEPARATEUR REVETU PARTIELLEMENT PAR UN GEL POLYMERE

(71) LG CHEM, LTD. [KR/KR]; LG Twin Tower 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Jee-Ho [KR/KR]; 101-201, Chowon Apartment, Mannyun-dong, Seo-gu, Daejeon 302-740 (KR). YU, Ji-Sang [KR/KR]; 373-1, Guseong-dong, Yuseong-gu, Daejeon 305-338 (KR). CHOI, Jeong-Hee [KR/KR]; 1170-2, Deayeon4-dong, Nam-gu, Busan 608-020 (KR).

(74) KIM, Seong-Ki; 14F., Kukdong Building 60-1, Chungmuro3-ka, Chung-ku, Seoul 100-705 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁴ H01M 4/00

(11) WO 2004/107480 (13) A2

(21) PCT/CA2004/000770

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,476 28 May/mai 2003 US
(28.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES
• ELECTRODES D'OXYDE DE METAL LITHIUM POUR PILES ET BATTERIES AU LITHIUM
- (71) NATIONAL RESEARCH COUNCIL OF CANADA [CA/CA]; 1200 Montreal Road, Bldg. M-58, Room EG-12, Ottawa, Ontario K1A 0R6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WHITFIELD, Pamela [CA/CA]; Apt. 512, 124 Springfield Road, Ottawa, Ontario K1M 2C8 (CA). DAVIDSON, Isobel [CA/CA]; 1569 Delia Crescent, Orleans, Ontario K4A 2X7 (CA).
- (74) ANDERSON, J., Wayne; National Research Council of Canada, Intellectual Property Services Office, EG-12, Bldg. M-58, 1200 Montreal Road, Ottawa, Ontario K1A 0R6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01M 4/62
- (11) WO 2004/107481 (13) A1
- (21) PCT/KR2004/001287
- (22) 31 May/mai 2004 (31.05.2004)
- (25) ko (26) en
- (30) 10-2003-0035653 3 Jun/juin 2003 KR (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPOSITE BINDER FOR AN ELECTRODE WITH DISPERSANTS CHEMICALLY BOUND
• LIANT COMPOSITE POUR ELECTRODE A DISPERSANTS CHIMIQUEMENT LIÉS
- (71) LG CHEM, LTD. [KR/KR]; LG Twin Tower, 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAN, Chang-Sun [KR/KR]; 8-301, Lucky Apartment, 381-42, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). KIM, Hae-Young [KR/KR]; 619-510, Mansu Jungong Apartment, Mansu-dong, Namdong-gu, Incheon 405-240 (KR). KIM, Ju-Hyun [KR/KR]; 3-326, LG Apartment, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). RYU, Dong-Jo [KR/KR]; 116-1101, Sammeori Apartment, Dunsan2-dong, Seo-gu, Daejeon 302-777 (KR).
- (74) KIM, Seong-Ki; 14F., Kukdong Building, 60-1, Chungmuro3-ka, Chung-ku, Seoul 100-705 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01M 8/00
- (11) WO 2004/107483 (13) A2
- (21) PCT/US2004/010012
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 10/446,485 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ROLL-GOOD FUEL CELL FABRICATION PROCESSES, EQUIPMENT, AND ARTICLES PRODUCED FROM SAME
• PROCEDES DE FABRICATION DE PILES A COMBUSTIBLE SOUS FORME DE ROULEAUX, EQUIPEMENT, ET ARTICLES OBTENUS
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) MEKALA, David R.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). PETERSON, Donald G.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). FERGUSON, Dennis E.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). FANSLER, Duane D.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) DAHL, Phillip Y., et al. / etc.; Office of Intellectual Property Consel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ H01M 8/00
- (11) WO 2004/107484 (13) A2
- (21) PCT/US2004/010188
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 10/428,582 2 May/mai 2003 US (02.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEW POINT HUMIDIFIER AND RELATED GAS TEMPERATURE CONTROL

- HUMIDIFICATEUR DE GAZ ET PROCEDE DE REGULATION DE LA TEMPERATURE DU GAZ
- (71, 72) ZHANG, Chaojiong [US/US]; 762 Peach Creek Cut Off Road, College Station, TX 77845 (US).
- (74) COOK, Tim; Law Office of Tim Cook P.C., P. O. Box 10107, Liberty, TX 77575 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01M 8/02
- (11) WO 2004/107485 (13) A2
- (21) PCT/EP2004/003922
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) de (26) de
- (30) 103 23 880.8 26 May/mai 2003 DE (26.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BIPOLAR PLATE AND FUEL CELL COMPRISING SUCH A BIPOLAR PLATE
- PLAQUE BIPOLAIRE ET PILE A COMBUSTIBLE COMPRENANT UNE TELLE PLAQUE BIPOLAIRE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAMMERSCHMIDT, Albert [DE/DE]; Coburger Str. 47A, 91056 Erlangen (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01M 8/02
- (11) WO 2004/107486 (13) A1
- (21) PCT/EP2004/004066
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) de (26) de
- (30) 103 23 882.4 26 May/mai 2003 DE (26.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FUEL CELL AND HEATING DEVICE FOR A FUEL CELL
- PILE A COMBUSTIBLE ET SYSTEME DE CHAUFFAGE DE PILE A COMBUSTIBLE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BASCHKEK, Günther [DE/DE]; Mauspfad 7, 51766 Engelskirchen (DE). MATTEJAT, Arno [DE/DE]; Jahnstr. 3A, 91088 Bubenreuth (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01M 8/02, 8/10
- (11) WO 2004/107487 (13) A1
- (21) PCT/JP2004/007076
- (22) 24 May/mai 2004 (24.05.2004)
- (25) ja (26) ja
- (30) 2003-153820 30 May/mai 2003 JP (30.05.2003)
- (30) 2003-153839 30 May/mai 2003 JP (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRIC POWER GENERATOR FOR FUEL CELL, PROCESS FOR PRODUCING THE SAME, MOLDING DIE FOR USE IN PRODUCTION OF THE ELECTRIC POWER GENERATOR AND FUEL CELL INCLUDING THE ELECTRIC POWER GENERATOR
- GENERATEUR D'ELECTRICITE POUR PILE A COMBUSTIBLES, PROCESUS DE PRODUCTION DE CE GENERATEUR, MOULE DESTINE A LA PRODUCTION DE CE GENERATEUR D'ELECTRICITE ET PILE A COMBUSTIBLES COMPRENANT CE GENERATEUR D'ELECTRICITE
- (71) TECHNO SCREW CO., LTD. [JP/JP]; 53 Oyama-cho, Nakagawa-ku, Nagoya-shi, Aichi 4540051 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HASHIMOTO, Fumio [JP/JP]; c/o TECHNO SCREW CO., LTD., 53, Oyama-cho, Nakagawa-ku, Nagoya-shi, Aichi 4540051 (JP).
- (74) MATSUURA, Kitao; KINSO BUILDING 7F, 18-19, Chiyoda 5-chome, Naka-ku, Nagoya-shi, Aichi 4600012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- Declarations / Déclarations :
(r) for all designations / pour toutes les désignations
(s) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
-
- (51)⁷ H01M 8/02
- (11) WO 2004/107488 (13) A1
- (21) PCT/KR2003/001226
- (22) 23 Jun/juin 2003 (23.06.2003)
- (25) ko (26) en
- (30) 10-2003-0035241 2 Jun/juin 2003 KR (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A SEALING STRUCTURE FOR POLYMER ELECTROLYTE FUEL CELL
- STRUCTURE D'ETANCHEITE POUR PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE
- (71) FUELCELLPOWER CO., LTD. [KR/KR]; #101 D dong Bundangtechnopark, 151 Yatop-dong, Bundang-gu, Seongnam-si, 463-816 Gyeonggi-do (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Ho-Suk [KR/KR]; 209-13 Gui 3-dong, Gwangjin-gu, 143-203 Seoul (KR). SHINN, Mee-Nam [KR/KR]; #201, 383-11 Yatop-dong, Bundang-gu, Seongnam-si, 463-070 Gyeonggi-do (KR). HONG, Byung-Sun [KR/KR]; E-3, 300-7 Pyeongchang-ri, Yangji-myeon, Yongin-si, 449-821 Gyeonggi-do (KR). OH, Sung-Jin [KR/KR]; 201-201 Gwanak Hyundai APT., 410 Sangdo 5-dong, Dongjak-gu, 156-035 Seoul (KR). YANG, Cheol-Nam [KR/KR]; #136 Jugong 1 Danji, Hwanggolmaeul, 955-1 Yeongtong-dong, Paldal-gu, Suwon-si, 442-470 Gyeonggi-do (KR). SEO, Yong-Jung [KR/KR]; #106-1704 Shinhan APT., 94-3 Jeungpo-dong, Icheon-si, 467-110 Gyeonggi-do (KR).
- (74) LEE, Kyeong-Ran; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC

LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01M 8/04

(11) WO 2004/107489 (13) A1

(21) PCT/FR2004/050206

(22) 26 May/mai 2004 (26.05.2004)

(25) fr (26) fr

(30) 0350188 27 May/mai 2003 FR
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SIMPLIFIED METHOD OF MONITORING
CELLS IN A FUEL CELL

• PROCÉDE DE SURVEILLANCE SIMPLIFIÉE
DES CELLULES D'UNE PILE A
COMBUSTIBLE

(71) HELION [FR/FR]; Domaine du Petit Arbois,
Bâtiment Jules Verne, BP 71, F-13545
Aix en Provence Cedex 04 (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NIETSCH, Thomas [FR/FR]; 6 place
Aimé Crazel, F-13290 Aix en Provence (FR).
VERDU, Olivier [FR/FR]; 2 avenue Achille
Empereur, F-13090 Aix en Provence (FR).

(74) LEHU, Jean; Brevatome, 3, rue du Docteur
Lancereaux, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M 8/04, B01J 39/20, 47/12

(11) WO 2004/107490 (13) A1

(21) PCT/JP2004/007722

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-154881 30 May/mai 2003 JP
(30.05.2003)

(30) 2003-285663 4 Aug/août 2003 JP
(04.08.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HUMIDIFIER

• HUMIDIFICATEUR

(71) ASAHI KASEI KABUSHIKI KAISHA
[JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku,
Osaka-shi, Osaka, 5308205 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HASEGAWA, Takuya [JP/JP]; 1-4-43,
Kounan, Kounan-ku, Yokohama-shi, Kana-
gawa, 2330003 (JP). KONDO, Takahiko
[JP/JP]; 161-3-807, Idogaya-nakamachi,
Minami-ku, Yokohama-shi, Kanagawa,
2320052 (JP). MITAMURA, Yoshimichi
[JP/JP]; Orchard-yakou-201, 5-4-14, Yakou,
Tsurumi-ku, Yokohama-shi, Kanagawa,
2300001 (JP).

(74) WATANABE, Junzo; 3rd Floor, Akasaka,
Habitation Building, 3-5, Akasaka 1-chome,
Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01M 8/24, 8/12

(11) WO 2004/107491 (13) A1

(21) PCT/AT2004/000191

(22) 2 Jun/juin 2004 (02.06.2004)

(25) de (26) de

(30) A855/2003 3 Jun/juin 2003 AT
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MICROREACTOR

• MICROREACTEUR

(71) ALPPS FUEL CELL SYSTEMS GMBH;
Exerzierplatzstrasse 4, A-8051 Graz (AT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CLAASSEN, Peter [AT/AT]; Weizbach-
weg 33, A-8045 Graz (AT). MEISSNER, Di-
eter [DE/DE]; Salzburgerstrasse 162, A-4600
Wels (AT). WANCURA, Herbert [AT/AT];
Lerchengasse 16, A-8055 Seiersberg (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M 10/04

(11) WO 2004/107492 (13) A2

(21) PCT/PL2004/000039

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) P 360375 28 May/mai 2003 PL
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BATTERY FORMING UNIT

• UNITE DE FORMATION DE BATTERIE

(71) SERWIS AKPIA ROMAN DLUGI
[PL/PL]; ul. Forteczna 12a, PL-61-362
Poznan (PL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DLUGI, Roman [PL/PL]; ul. Za
Cytadela 62, PL-61-659 Poznan (PL).
WAWRZYNIAK, Marek [PL/PL]; ul.
Skoczowska 17, PL-61-463 Poznan (PL).
MAKOWSKI, Ryszard [PL/PL]; Os.
Cegielskiego 8/2, PL-62-020 Swarzedz
(PL). KOZLINSKI, Jaroslaw [PL/PL]; Os.
Powstancow Warszawy 4e/47, PL-61-656
Poznan (PL).

(74) LUCZAK, Jerzy; Rzecznicy Patentowi, Dr
Andrzej Au & Co., ul. Mielzynskiego 27/29,
PL-60-725 Poznan (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01M 10/40, 2/02, 4/02, 4/58

(11) WO 2004/107493 (13) A1

(21) PCT/JP2004/007765

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-153049 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NONAQUEOUS ELECTROLYTE SO-
LUTION AND LITHIUM ION SEC-
ONDARY BATTERY

• BATTERIE SECONDAIRE A SO-
LUTION D'ELECTROLYTE NON
AQUEUSE ET AU LITHIUM

(71) TDK CORPORATION [JP/JP]; 1-13-1, Ni-
honbashi, Chuo-ku, Tokyo 1038272 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OGAWA, Kazuya [JP/JP]; (c/o) TDK
Corporation, 1-13-1, Nihonbashi, Chuo-ku,
Tokyo 1038272 (JP). SANO, Atsushi [JP/JP];
(c/o) TDK Corporation, 1-13-1, Nihonbashi,

- Chuo-ku, Tokyo 1038272 (JP). **IJIMA, Tsuyoshi** [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). **MARUYAMA, Satoshi** [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).
- (74) **HASEGAWA, Yoshiki et al.** / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01P 1/213**
- (11) **WO 2004/107494** (13) A2
- (21) PCT/US2004/015975
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) en (26) en
- (30) 60/472,688 **22 May/mai 2003 US (22.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CERAMIC RF TRIPLEXER
• TRIPLEXEUR RF EN CERAMIQUE
- (71) **CTS CORPORATION** [US/US]; Steven Weseman, 905 West Boulevard North, Elkhart, Indiana 46514 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **ROGOZINE, Alexandre**; 3076 Cascades Trail SE, Rio Rancho, NM 87124 (US). **MATTHEWS, Brian**; 3612 Spring Villa Circle, Apt. 203, Louisville, KY 40245 (US). **HEINE, David**; 3016 Lamancha N.W., Albuquerque, NM 87104 (US).
- (74) **WESEMAN, Steven**; CTS Corporation, 171 Covington Drive, Bloomington, IL 60108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01Q**
- (11) **WO 2004/107496** (13) A2
- (21) PCT/US2003/023038
- (22) **23 Jul/juil 2003 (23.07.2003)**
- (25) en (26) en
- (30) 60/398,301 **23 Jul/juil 2002 US (23.07.2002)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FRACTILE ANTENNA ARRAYS AND METHODS FOR PRODUCING A FRACTILE ANTENNA ARRAY
• RESEAUX D'ANTENNES FRACTILES ET PROCÉDES POUR PRODUIRE UN RESEAU D'ANTENNES FRACTILE
-
- CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
- (i) *for all designations / pour toutes les désignations*
-
- (51)⁷ **H01P 3/08**
- (11) **WO 2004/107495** (13) A1
- (21) PCT/SG2004/000156
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) en (26) en
- (30) 10/449,967 **30 May/mai 2003 US (30.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TUNABLE LOW LOSS TRANSMISSION LINES
• LIGNES DE TRANSMISSION REGLABLES A FAIBLE PERTE
- (71) **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 20 Biopolis Way, #07-01 Centros, Singapore 138668 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOAN, My, The** [CA/SG]; 38A Dover Rise, #05-04 Dover Parkview, Singapore 138684 (SG).
- (74) **VIERING, JENTSCHURA & PARTNER**; P.O. Box 1088, Rochor Post Office, Rochor Road, Singapore 911833 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01Q**
- (11) **WO 2004/107497** (13) A2
- (21) PCT/US2004/015544
- (22) **18 May/mai 2004 (18.05.2004)**
- (25) en (26) en
- (30) 10/444,322 **23 May/mai 2003 US (23.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HIGH GAIN ANTENNA FOR WIRELESS APPLICATIONS
• ANTENNE A GAIN ELEVE POUR APPLICATIONS SANS FIL
- (71) **IPR LICENSING, INC.** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
- (72) **CHIANG, Bing**; 3662 Whisperwood Circle, Melbourne, FL 32901 (US). **LYNCH, Michael, James**; 4195 Richwood Court, Merritt Island, FL 32952 (US). **WOOD, Douglas, Harold**; 143 Coffee Street S.E., Palm Bay, FL 32909 (US).
- (74) **TAYLOR, Michael, W.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 255 S. Orange Avenue, Suite 1401|P.O. Box 3791, Orlando, FL 32802-3791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802-1504 (US).
- (72) **WERNER, Douglas, H.**; 2365 Oak Leaf Drive, State College, PA 16803 (US). **KUHIRUN, Waroht**; 4-C Graduate Circle, State College, PA 16801 (US). **WERNER, Pingjuan, L.**; 2365 Oak Leaf Drive, State College, PA 16803 (US).
- (74) **GOLUB, Daniel, H.**; 1701 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01Q**
- (11) **WO 2004/107497** (13) A2
- (21) PCT/US2004/015544
- (22) **18 May/mai 2004 (18.05.2004)**
- (25) en (26) en
- (30) 10/444,322 **23 May/mai 2003 US (23.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HIGH GAIN ANTENNA FOR WIRELESS APPLICATIONS
• ANTENNE A GAIN ELEVE POUR APPLICATIONS SANS FIL
- (71) **IPR LICENSING, INC.** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
- (72) **CHIANG, Bing**; 3662 Whisperwood Circle, Melbourne, FL 32901 (US). **LYNCH, Michael, James**; 4195 Richwood Court, Merritt Island, FL 32952 (US). **WOOD, Douglas, Harold**; 143 Coffee Street S.E., Palm Bay, FL 32909 (US).
- (74) **TAYLOR, Michael, W.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 255 S. Orange Avenue, Suite 1401|P.O. Box 3791, Orlando, FL 32802-3791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) *for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR*

(51)⁷ H01Q

(11) WO 2004/107498 (13) A2

(21) PCT/US2004/016008

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,607 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A PHASED ARRAY ANTENNA WITH EXTENDED RESONANCE POWER DIVIDER/PHASE SHIFTER CIRCUIT

- ANTENNE A BALAYAGE ELECTRONIQUE A CIRCUIT DIVISEUR DE PUISSANCE/DEPHASEUR A RESONANCE ETENDUE

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [—/US]; 3003 South State Street, Ann Arbor, MI 48109-1280 (US).

(72) MORTAZAWI, Amir; 1710 Woodcreek Blvd., Ann Arbor, MI 48104 (US). TOMBAK, Ali; 3595 Green Briar Blvd., Apt. 107C, Ann Arbor, MI 48105 (US).

(74) HELMHOLDT, Thomas, D. et al. / etc.; Young & Basile, P.C., 3001 West Big Beaver Road, Suite 624, Troy, MI 48084 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q

(11) WO 2004/107499 (13) A2

(21) PCT/US2004/016205

(22) 22 May/mai 2004 (22.05.2004)

(25) en (26) en

(30) 60/472,599 22 May/mai 2003 US
(22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WIRELESS LOCAL AREA NETWORK ANTENNA SYSTEM AND METHOD OF USE THEREFORE

- SYSTEME D'ANTENNE DE RESEAU LOCAL SANS FIL ET PROCEDE D'UTILISATION CORRESPONDANT

(71) PARATEK MICROWAVE INC. [US/US]; 6935 G Oakland Mills Road, Columbia, MD 21045 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) KHOSRO, Shamsaifar; Ellicott City, MD 21403 (US). DU TOIT, Cornelius; Ellicott City, MD 21403 (US). SENGUPTA, Louise, C.; Ellicott City, MD 21043 (US). DONYA, He; Ellicott City, MD 21043 (US).

(74) FINN, James, S.; c/o William Tucker, 8650 Southwestern Blvd. # 2825, Dallas, TX 75206 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 21/28

(11) WO 2004/107500 (13) A1

(21) PCT/JP2004/001374

(22) 10 Feb/fév 2004 (10.02.2004)

(25) ja (26) ja

(30) 2003-148470 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPOSITE ANTENNA DEVICE

- DISPOSITIF ANTENNE COMPOSITE

(71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAGUCHI, Fumie [JP/JP]; C/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).

(74) KAWAWA, Takaho; 1-10, Mita 3-chome, Minato-ku, Tokyo 108-0073 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R

(11) WO 2004/107501 (13) A2

(21) PCT/US2004/016725

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/447,283 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ARRESTER DISCONNECTOR ASSEMBLY HAVING A CAPACITOR AND A RESISTOR

- ENSEMBLE SECTIONNEUR POUR DISPOSITIF D'ARRET PRESENTANT UN CONDENSATEUR ET UNE RESISTANCE

(71) HUBBELL INCORPORATED [US/US]; 584 Derby Milford Road, P.O. Box 549, Orange, Connecticut 06477-4024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HUO, Xingniu; 5175 Silver Maple Lane, Medina, Ohio 44256 (US). LENK, Dennis; 333 Forest Meadows Drive, Medina, Ohio 44256 (US). KRAUSE, John; 1004 Lancaster Drive, Medina, Ohio 44256 (US). HUNSICKER, Craig; 142 Lucas Ct, Wadsworth, Ohio 44281 (US). MA, Zhuo-hua; Beijing Buoqing Import & Export Corporation, Ltd., 4th Floor, Room 411B-412, China World Tower East Wing Office, No. 1 Jianguomenwai Avenue, Beijing (CN). GUO, Hong-sheng; Beijing Guojing Import & Export Corporation, Ltd., 4th Floor, Room 411B-412, China World Tower East Wing Office, No. 1 Jianguomenwai Avenue, Beijing (CN).

(74) BICKS, Mark et al. / etc.; ROYLANCE, ABRAMS BERDO & GOODMAN, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, District of Columbia 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R

(11) WO 2004/107502 (13) A2

(21) PCT/US2004/016726

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/447,282 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ARRESTER DISCONNECTOR ASSEMBLY HAVING A CAPACITOR

- ENSEMBLE SECTIONNEUR POUR PARAFoudre, EQUIPE D'UN CONDENSATEUR

(71) HUBBELL INCORPORATED [US/US]; 584 Derby Milford Road, P.O. Box 549, Orange, CT 06477-4024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) LENK, Dennis; 333 Forest Meadows Drive, Medina, OH 44256 (US). HUO, Xingniu; 5175 Silver Maple Lane, Medina, OH 44256 (US). KRAUSE, John; 1004 Lancaster Drive, Medina, OH 44256 (US). HUNSICKER, Craig; 142 Lucas Ct, Wadsworth, OH 44281 (US).

(74) BICKS, Mark et al. / etc.; Roylance, Abrams Berdo & Goodman, L.L.P., 1300

19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 4/38

(11) WO 2004/107503 (13) A1

(21) PCT/US2004/016704

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,913 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONNECTOR AND METHOD FOR CONNECTING WIRING

• CONNECTEUR ET PROCÉDE POUR LE RACCORDEMENT DE CABLAGE

(71) SIEMENS ENERGY & AUTOMATION, INC. [US/US]; 3333 Old Milton Parkway, Alpharetta, GA 30005-4437 (US).

(72) COX, Ned; 121 Hill View Court, Gray, TN 37615 (US).

(74) RUBIN, Benjamin, M. et al. / etc.; Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01R 13/00

(11) WO 2004/107504 (13) A2

(21) PCT/US2004/016605

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 10/447,181 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BACK-END VARIATION CONTROL CAP FOR USE WITH A JACK MODULE

• CAPUCHON DE COMMANDE DE VARIATION D'EXTREMITÉ ARRIÈRE POUR MODULE DE PRISE

(71) COMMSCOPE SOLUTION PROPERTIES, LLC [US/US]; 1285 Southern Way, Sparks, NV 89431 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABEL, John, N. [US/US]; 1472 Laurel Oak Drive, Avon, IN 46123 (US). MOFFITT, Bryan, S. [US/US]; 17 South Lake Drive, Red Bank, NJ 07701-5313 (US). SPITZ, William, T. [US/US]; 9302 Timberline Drive, Indianapolis, IN 46256 (US). WILD, Ronald, L. [US/US]; 2401 Mesa Oak Trail, Plano, TX 75025 (US). BROWN, Scott [US/US]; 6714 Aintree Court, Indianapolis, IN 46250 (US). MILLER, Timothy, C. [US/US]; 5844 Shelby Street, Indianapolis, IN 46227 (US).

(74) RISLEY, David, R.; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, Suite 1750, Atlanta, GA 30339 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 13/11

(11) WO 2004/107505 (13) A1

(21) PCT/US2004/016331

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 10/445,864 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRICAL RECEPTACLE-TYPE TERMINAL

• BORNE DE TYPE CONNECTEUR FEMELLE

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DATA, Mark, M. [US/US]; 213 Buli Lane, Bolingbrook, IL 60590 (US). PATEL, Arvind [US/US]; 1809 Princeton Circle, Naperville, IL 60565 (US).

(74) WEISS, Stephen, Z.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H01R 13/53

(11) WO 2004/107506 (13) A1

(21) PCT/EP2004/005577

(22) 24 May/mai 2004 (24.05.2004)

(25) de (26) de

(30) 103 24 903.6 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRICAL PLUG-IN CONNECTOR
• CONNECTEUR ELECTRIQUE A ENFICHAGE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANGHOFF, Wolfgang [DE/DE]; Werrengasse 2, 71229 Leonberg (DE). ANDRE, Gerald [AT/DE]; Oberndorf 45, 91472 Ipsheim (DE). GRIEPENTROG, Gerd [DE/DE]; An der Schafleite 11, 91468 Gutenstetten (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01R 13/627, 13/627, 13/639

(11) WO 2004/107507 (13) A1

(21) PCT/GB2004/002273

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312192.8 28 May/mai 2003 GB (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE CONNECTOR ARRANGEMENT
• ENSEMBLE DE CONNEXION

(71) INQUAM (UK) LIMITED [GB/GB]; Parnell House, 25 Wilton Road, London SW1V 1LW (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BATAILLARD, Christophe, Jean** [FR/GB]; 141 Gloucester Road, London SW7 4TH (GB).

(74) **MURRAY, Elisabeth, Anne et al.** / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01R 24/02

(11) WO 2004/107508 (13) A1

(21) PCT/JP2003/013165

(22) 15 Oct/oct 2003 (15.10.2003)

(25) ja (26) ja

(30) 2003-151536 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONNECTOR
• CONNECTEUR

(71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).

(72) **MURAYAMA, Shigeru**; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **KANEKO, Masanori**; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **MATSUMURA, Shigeru**; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **SEKIZUKA, Takashi**; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **HAMA, Hiroyuki**; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).

(74) **RYUKA, Akihiro**; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) CN DE KR SG.

(51)⁷ H01R 39/00

(11) WO 2004/107509 (13) A1

(21) PCT/US2004/015006

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/445,574 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRICAL POWER DISTRIBUTION DEVICE

• DISPOSITIF DE DISTRIBUTION D'ELECTRICITE

(71) **DESIGN RESEARCH AND DEVELOPMENT CORPORATION** [US/US]; 307 E. Church Road, Suite 7, King of Prussia, PA 19406 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **PLZAK, Stephen, J.**; 660 Williamson Road, Bryn Mawr, PA 19010-1829 (US).

(74) **JACKSON, Arthur, E.**; Law Offices of Arthur, E., JACKSON, P.O. Box 88, Hopewell, NJ 08525 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01S

(11) WO 2004/107510 (13) A2

(21) PCT/IB2004/001889

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 60/475,451 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LASER PULSE GENERATOR
• GENERATEUR D'IMPULSIONS LASER

(71) **KILOLAMBDA IP LIMITED**; Trident Chambers, Wickhams Cay, P.O. Box 146, Road Town, Tortola (VG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ORON, Ram** [IL/IL]; 18 Chen Boulevard, 76469 Rehovot (IL). **ORON, Moshe** [IL/IL]; 26 Busel Street, 76469 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H01S 3/00

(11) WO 2004/107511 (13) A2

(21) PCT/DE2004/001086

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 103 23 857.3 26 May/mai 2003 DE (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR PRODUCING A LASER DIODE COMPONENT, HOUSING FOR A LASER DIODE COMPONENT, AND LASER DIODE COMPONENT ITSELF
• PROCEDE DE PRODUCTION D'UN COMPOSANT A DIODES LASER, BOITIER POUR COMPOSANT A DIODES LASER, ET COMPOSANT A DIODES LASER Y RELATIF

(71) **OSRAM OPTO SEMICONDUCTORS GMBH** [DE/DE]; Wernerwerkstrasse 1, 93049 Regensburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERSTL, Christian** [DE/DE]; Haidauer Strasse 4, 93073 Neutraubling (DE). **GRÖTSCH, Stefan** [DE/DE]; Waldstr. 6, 93077 Lengfeld/Bad Abbach (DE). **ZEILER, Markus** [DE/DE]; Wiesengrund 14, 93152 Nittendorf (DE).

(74) **EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH**; Rindlerstrasse 55, 80339 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 3/06, 3/0933, 3/23

(11) WO 2004/107512 (13) A1

(21) PCT/US2004/012759

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/445,980 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WHITE-LIGHT LASER
• LASER A LUMIERE BLANCHE

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COK, Ronald, Steven** [US/US]; 36 Westfield Commons, Rochester, NY 14625 (US). **SPOONHOWER, John, Philip** [US/US]; 1245 Hardwood Lane, Webster, NY 14580 (US).

(74) **EASTMAN KODAK COMPANY**; 343 State Street, Rochester, NY 14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H01S 5/00

(11) WO 2004/107513 (13) A2

(21) PCT/EP2004/005812

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 60/474,250 30 May/mai 2003 US (30.05.2003)

(30) 01987/03 21 Nov/nov 2003 CH (21.11.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS AND DEVICES FOR SUPPRESSING NON-LINEAR DYNAMIC EFFECTS IN A LASER

• PROCEDES ET DISPOSITIFS POUR ATTENUER DES EFFETS DE DYNAMIQUE NON LINEAIRE DANS UN LASER

(71) **HIGH Q LASER PRODUCTION GMBH** [AT/AT]; Kaiser-Franz-Josef-Strasse 61, A-6845 Hohenems (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOPF, Daniel** [AT/AT]; Sandholzerstrasse 14, A-6844 Altsch (AT). **LEDERER, Maximilian, Josef** [DE/AT]; Schwarzen 687, A-6861 Alberschwende (AT). **MORGNER, Uwe** [DE/DE]; Wörthstrasse 1 c, 76776 Neuburg/Rhein (DE).

(74) **KAMINSKI, Susanne**; Büchel, Kaminski & Partner, Austrasse 79, FL-9490 Vaduz (LI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 5/00

(11) WO 2004/107514 (13) A2

(21) PCT/EP2004/005813

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 60/474,227 30 May/mai 2003 US (30.05.2003)

(30) 01816/03 23 Oct/oct 2003 CH (23.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR PUMPING A LASER

• PROCEDE ET DISPOSITIF POUR POMPER UN LASER

(71) **HIGH Q LASER PRODUCTION GMBH** [AT/AT]; Kaiser-Franz-Josef-Strasse 61, A-6845 Hohenems (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOPF, Daniel** [AT/AT]; Sandholzerstrasse 14, A-6844 Altsch (AT). **LEDERER, Maximilian, Josef** [DE/AT]; Schwarzen 687, A-6861 Alberschwende (AT). **JOHANNSEN, Ingo** [DE/AT]; Weissenbildstrasse 11, A-6923 Lauterach (AT).

(74) **KAMINSKI, Susanne**; Büchel, Kaminski & Partner, Austrasse 79, FL-9490 Vaduz (LI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 5/022

(11) WO 2004/107515 (13) A1

(21) PCT/JP2004/003120

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-064932 11 Mar/mar 2003 JP (11.03.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF ASSEMBLING LIGHT-EMITTING APPARATUS

• PROCEDE D'ASSEMBLAGE D'APPAREIL ELECTROLUMINESCENT

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHIDA, Hiroshi** [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). **TANIGUCHI, Tadashi** [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP).

(74) **SUGIURA, Masatomo** et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 5/343, H01L 21/205

(11) WO 2004/107516 (13) A1

(21) PCT/JP2004/007681

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-153621 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NITRIDE SEMICONDUCTOR LIGHT-EMITTING DEVICE

• DISPOSITIF ELECTROLUMINESCENT A SEMI-CONDUCTEURS A BASE DE NITRURE

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP). **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMIKAWA, Takeshi** [JP/JP]; 4123-1-703, Nakano-cho, Mihara-shi, Hiroshima 723-0003 (JP). **KANEKO, Yoshika** [JP/JP]; 3-17-7-225, Higashihunabashi, Hunabashi-shi, Chiba 273-0002 (JP). **MOTOKI, Kensaku** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, LTD., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-8611 (JP).

(74) **SANO, Shizuo**; Tenmabashi-Yachiyo Bldg. Bekkan, 2-6, Tenmabashi-kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01T 13/39

(11) WO 2004/107517 (13) A1

(21) PCT/JP2004/003821

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-151102 28 May/mai 2003 JP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SPARK PLUG

• BOUGIE D'ALLUMAGE

(71) NGK SPARK PLUG CO., LTD.
[JP/JP]; 14-18, Takatsuji-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8525 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) NUNOME, Kenji [JP/JP]; c/o NGK
Spark Plug Co., Ltd., 14-18, Takatsuji-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8525
(JP). YOSHIMOTO, Osamu [JP/JP]; c/o
NGK Spark Plug Co., Ltd., 14-18, Takat-
sujji-cho, Mizuho-ku, Nagoya-shi, Aichi
467-8525 (JP). MATSUTANI, Wataru
[JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18,
Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi
467-8525 (JP). MATSUBARA, Yoshihiro
[JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18,
Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi
467-8525 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent
Office, 13th Floor, ARK Mori Building,
12-32, Akasaka 1-chome, Minato-ku, Tokyo
107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01T 13/54, 13/46

(11) WO 2004/107518 (13) A1

(21) PCT/KR2003/001126

(22) 9 Jun/juin 2003 (09.06.2003)

(25) en (26) en

(30) 10-2003-0034812 30 May/mai 2003 KR
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IGNITION PLUGS FOR INTERNAL
COMBUSTION ENGINE

• BOUGIES D'ALLUMAGE POUR MO-
TEUR A COMBUSTION INTERNE

(71, 72) JOHNG, In-Tae [KR/KR]; 21/6,
65-69, Seokgwan-dong, Seongbuk-gu, Seoul
136-150 (KR).

(72, 75) JIE, Myung-Seok [KR/KR]; 8-504
Gwangjang Kukdong Apt., 218-1, Gwang-
jang-dong, Gwanjin-gu, Seoul 143-210 (KR).

(74) JO, Eui-Je; Top Patent & Law Firm, RM.
1405, Hyecheon Bldg., #831, Yuksam-dong,
Gangnam-gu, Seoul 135-080 (KR).

(81) AM AT AU BR CA CH CN CZ DE DK EE
ES FI GB ID JP KZ LU MX NO PL PT RU
SE TR US.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H02B 1/30, 1/32

(11) WO 2004/107519 (13) A1

(21) PCT/JP2003/006871

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SWITCH GEAR AND CASING FOR
THE SWITCH GEAR

• ARMOIRE ELECTRIQUE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MIHARA, Masaru [JP/JP]; c/o Mit-
subishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). MATSUKAWA, Akifumi
[JP/JP]; c/o Mitsubishi Denki Kabushiki
Kaisha, 2-3, Marunouchi 2-chome, Chiyo-
da-ku, Tokyo 100-8310 (JP). KOZURU,
Susumu [JP/JP]; c/o Mitsubishi Denki
Kabushiki Kaisha, 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co.,
8th Floor, Kokusai Building, 1-1, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) BR CN ID IN JP KR SG US.

(51)⁷ H02B 1/30, 1/32

(11) WO 2004/107520 (13) A1

(21) PCT/JP2003/006872

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SWITCH GEAR

• ARMOIRE ELECTRIQUE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MIHARA, Masaru [JP/JP]; c/o Mit-
subishi Denki Kabushiki Kaisha, 2-3,

Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). MATSUKAWA, Akifumi
[JP/JP]; c/o Mitsubishi Denki Kabushiki
Kaisha, 2-3, Marunouchi 2-chome, Chiyo-
da-ku, Tokyo 100-8310 (JP). KOZURU,
Susumu [JP/JP]; c/o Mitsubishi Denki
Kabushiki Kaisha, 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co.,
8th Floor, Kokusai Building, 1-1, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) BR CN ID IN JP KR SG US.

(51)⁷ H02B 1/30, 1/38

(11) WO 2004/107521 (13) A1

(21) PCT/JP2003/006873

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SWITCH GEAR

• ARMOIRE ELECTRIQUE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MIHARA, Masaru [JP/JP]; c/o Mit-
subishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). MATSUKAWA, Akifumi
[JP/JP]; c/o Mitsubishi Denki Kabushiki
Kaisha, 2-3, Marunouchi 2-chome, Chiyo-
da-ku, Tokyo 100-8310 (JP). KOZURU,
Susumu [JP/JP]; c/o Mitsubishi Denki
Kabushiki Kaisha, 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co.,
8th Floor, Kokusai Building, 1-1, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) BR CN ID IN JP KR SG US.

(51)⁷ H02B 5/00

(11) WO 2004/107522 (13) A1

(21) PCT/ES2004/000137

(22) 26 Mar/mar 2004 (26.03.2004)

(25) es (26) es

(30) P200301322 3 Jun/juin 2003 ES
(03.06.2003)

(30) P200302517 28 Oct/oct 2003 ES
(28.10.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRICITY SUBSTATION

• SOUS-STATION ELECTRIQUE

(71) RED ELÉCTRICA DE ESPAÑA, S.A.
[ES/ES]; Paseo del Conde de los Gaitanes,
177, E-28109 Alcobendas (ES).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SALAMANCA SEGOVIANO, Fran-
cisco José MARTINEZ VIDAL, Cristina
[ES/ES]

(74) UNGRIA LÓPEZ, Javier; Avda. Ramón y
Cajal, 78, E-28043 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02G 3/06, 15/04
- (11) WO 2004/107523 (13) A1
- (21) PCT/EP2003/014926
- (22) 29 Dec/déc 2003 (29.12.2003)
- (25) de (26) de
- (30) 203 08 570.1 2 Jun/juin 2003 DE (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • VARIABLE THREADED CABLE JOINT
• FIXATION DE CABLE VARIABLE PAR VISSAGE
- (71) WIELAND ELECTRIC GMBH [DE/DE]; Brennerstr. 10-14, 96052 Bamberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TLUCZYKONT, Stefan [DE/DE]; Freudeneck 9, 96179 Rattelsdorf (DE).
HOFFMANN, Angelika [DE/DE]; Im Ried 6, 96138 Burgebrach (DE).
KADUR, Stefan [DE/DE]; Köstlersbrunn 21, 96115 Stegaurach/Debring (DE).
- (74) TERGAU & POHL; Mögeldorf Hauptstrasse 51, 90482 Nürnberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02H
- (11) WO 2004/107524 (13) A2
- (21) PCT/US2004/016056
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 10/444,293 23 May/mai 2003 US (23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTROMAGNETIC PULSE DEVICE
• DISPOSITIF A IMPULSIONS ELECTROMAGNETIQUES
- (71) BIO-REG ASSOCIATES, INC. [US/US]; 11800 Baltimore Avenue, Suite 105, Beltsville, MD 20705 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) HOWARD, James, Millington, II [US/US]; 6304 Belmont Circle, Mount Airy, MD 21771 (US).
- (74) KLUGER, Joan, T. et al. / etc.; Schnader Harrison Segal & Lewis LLP, 1600 Market Street, Suite 3600, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02J
- (11) WO 2004/107525 (13) A2
- (21) PCT/US2004/015768
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 10/442,420 21 May/mai 2003 US (21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • POWER TRANSFERRING DEVICE
• DISPOSITIF DE TRANSFERT D'ENERGIE ELECTRIQUE
- (71) NANOSET, LLC [US/US]; 349 West Commercial Street, Suite 2490, East Rochester, NY 14445 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Xingwu [US/US]; 1886 East Drive, Wellsville, NY 14895 (US).
FRANSMAN, Robert, Allen [US/US]; 594 South Side Road, Cold Brook, NY 13324 (US).
SHIPMAN, Aaron [US/US]; P.O. Box 404, Westbrookeville, NY 12785 (US).
- (74) HAMMOND, John, M. et al. / etc.; Suite 2490, 349 West Commercial Street, East Rochester, NY 14445 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02J 1/10
- (11) WO 2004/107526 (13) A1
- (21) PCT/CN2003/000433
- (22) 3 Jun/juin 2003 (03.06.2003)
- (25) zh (26) zh
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A DISTRIBUTED SUPPLYING ELECTRIC POWER SYSTEM
• SYSTEME D'ALIMENTATION ELECTRIQUE DISTRIBUE
- (71) UTSTARCOM (CHINA) CO. LTD. [CN/CN]; B/11F, CNT Manhattan Bldg., Dongsishitiao Str., Beijing 100027 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HU, Xiaobai [CN/CN]; Bldg. 3, Yile Industrial Park, No. 129, Wenyi Road, Hangzhou, Zhejiang 310012 (CN).
- (74) CCPIT PATENT AND TRADEMARK LAW OFFICE; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K
- (11) WO 2004/107527 (13) A2
- (21) PCT/US2004/010722
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 60/473,717 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LOW HEAD, DYNAMIC VARIABLE PITCH, SUBMERSIBLE HYDRO GENERATOR
• HYDROGÉNÉRATEUR SUBMERSIBLE DE BASSE CHUTE À PAS DYNAMIQUE VARIABLE
- (71, 72) LIGMAN, Eugene, G. [US/US]; 1658 Princeton Road, West Sacramento, CA 95691 (US).
- (74) CURFISS, Robert, C.; Jackson Walker L.L.P., 112 E. Pecan Street, Suite 2100, San Antonio, TX 78205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02K 1/17

(11) WO 2004/107528 (13) A2

(21) PCT/FR2004/001339

(22) 1 Jun/juin 2004 (01.06.2004)

(25) fr (26) fr

(30) 03/06562 30 May/mai 2003 FR
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE FOR FIXING PERMANENT
MAGNETS INSIDE THE HEAD OF A
FIELD WINDING OF AN ELECTRIC
ENGINE• DISPOSITIF DE FIXATION D'AI-
MANTS PERMANENTS A L'INTER-
IEUR D'UNE CULASSE D'UN INDUC-
TEUR DE MOTEUR ELECTRIQUE(71) VALEO EQUIPEMENTS ELEC-
TRIQUES MOTEUR [FR/FR]; 2, rue
André-Boulle, F-94017 Créteil Cedex (FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DE GODOY, Marcos [BR/BR]; Rua
Das Palmeiras, 362 ap. 32B, Jardim Sao
Paulo, Americana, SP (BR). DROZDEK,
Marius [FR/FR]; 22, rue des Perdrix,
F-38280 Villette d'Anthon (FR).(74) LE TEINTURIER, Pascal; Valeo
Equipements Electriques Moteur, 2, rue
André-Boulle, F-94017 Créteil Cedex (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H02K 1/18

(11) WO 2004/107529 (13) A1

(21) PCT/JP2004/007592

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-151917 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRIC MOTOR

• MOTEUR ELECTRIQUE

(71) HITACHI, LTD. [JP/JP]; 6-6, Marunouchi
1-chome, Chiyoda-ku, Tokyo 100-8280 (JP).
NISSAN MOTOR CO., LTD. [JP/JP]; 2,
Takaracho, Kanagawaku, Yokohama-shi,
Kanagawa 2210023 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NEMOTO, Kanako [JP/JP]; c/o
Mechanical Engineering Research Labo-
ratory, HITACHI, LTD., 502, Kandat-
sumachi, Tsuchiura-shi, Ibaraki 3000013
(JP). TAKANO, Yasushi [JP/JP]; c/o Me-
chanical Engineering Research Laboratory,H TACHI, LTD., 502, Kandatsumachi,
Tsuchiura-shi, Ibaraki 3000013 (JP). TAK-
AGI, Michiyuki [JP/JP]; c/o Mechanical
Engineering Research Laboratory, H TACHI,
LTD., 502, Kandatsumachi, Tsuchiura-shi,
Ibaraki 3000013 (JP). TAJIMA, Fumio
[JP/JP]; c/o Hitachi Research Laboratory,
HITACHI, LTD. 1-1, Omikacho 7-chome,
Hitachi-shi, Ibaraki 3191292 (JP). NEZU,
Akira [JP/JP]; c/o NISSAN MOTOR CO.,
LTD., 2, Takaracho, Kanagawaku, Yoko-
hama-shi, Kanagawa 2210023 (JP). YA-
MAZAKI, Tsukasa [JP/JP]; c/o NISSAN
MOTOR CO., LTD., 2, Takaracho, Kana-
gawaku, Yokohama-shi, Kanagawa 2210023
(JP). OOKI, Shunji [JP/JP]; c/o NISSAN
MOTOR CO., LTD., 2, Takaracho, Kana-
gawaku, Yokohama-shi, Kanagawa 2210023
(JP). KIMURA, Masahide [JP/JP]; c/o NIS-
SAN MOTOR CO., LTD., 2, Takaracho,
Kanagawaku, Yokohama-shi, Kanagawa
2210023 (JP). FUJITA, Yasushi [JP/JP]; c/o
NISSAN MOTOR CO., LTD., 2, Takaracho,
Kanagawaku, Yokohama-shi, Kanagawa
2210023 (JP).(74) TAKADA, Yukihiko; 1-48, Saiwai-cho
2-chome, Hitachi-shi, Ibaraki 3170073 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H02K 1/27, 7/102, 16/00, 21/12

(11) WO 2004/107530 (13) A1

(21) PCT/US2003/017057

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MODULAR TRANSVERSE FLUX MO-
TOR WITH INTEGRATED BRAKE• MOTEUR A FLUX TRANSVERSAL
MODULAIRE A FREIN INTEGRE(71) OTIS ELEVATOR COMPANY [US/US];
Intellectual Property Department, 10 Farm
Springs, Farmington, CT 06032 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GIERAS, Jacek [US/US]; 315 Strick-
land Street, Glastonbury, CT 06033 (US).
LIU, Kitty [US/US]; 380 Hitchcock Road,
#137, Waterbury, CT 06705 (US). MILLER,
Robin [US/US]; 125 Burbank Road, Elling-
ton, CT 06039 (US).(74) OSBORN, Thomas; Otis Elevator Com-
pany, Intellectual Property Dept., 10 Farm
Springs, Farmington, CT 06032 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MKMN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H02K 1/28

(11) WO 2004/107531 (13) A2

(21) PCT/EP2004/004399

(22) 26 Apr/avr 2004 (26.04.2004)

(25) de (26) de

(30) 103 24 664.9 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ROLLERS AND ROLLER MOTORS

• ROULEAUX ET MOTEURS POUR
ROULEAUX(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BOTT, Erich [DE/DE]; Mönchbergstr.
4, 97618 Hollstadt (DE). OESTREICH,
Markus [DE/DE]; Poststrasse 5, 36110
Schlitz (DE). PLATEN, Markus [DE/DE];
Endgrube 18, 97616 Bad Neustadt (DE).
RÄDER, Sebastian [DE/DE]; Trülltal 8,
97654 Bastheim (DE). VOLLMER, Rolf
[DE/DE]; Espenlaubstr. 13, 36129 Gersfeld
(DE).(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H02K 5/128, 3/38

(11) WO 2004/107532 (13) A1

(21) PCT/EP2004/005507

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 24 680.0 30 May/mai 2003 DE
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ELECTRICAL MACHINE HAVING A
STATOR THAT IS ENCLOSED IN AN
EXPLOSION-PROOF MANNER

- MACHINE ELECTRIQUE A STATOR BLINDE ANTIDÉFLAGRANT
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KÜMMLEE, Horst [DE/DE]; Am Krähenberg 16, 13505 Berlin (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02K 5/173, 5/24, F16C 25/08
- (11) WO 2004/107533 (13) A1
- (21) PCT/DE2004/001128
- (22) 27 May/mai 2004 (27.05.2004)
- (25) de (26) de
- (30) 103 24 621.5 28 May/mai 2003 DE (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRICAL MACHINE
• MACHINE ELECTRIQUE
- (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOEFS, Roland [DE/DE]; Schoenleberstrasse 11, 74354 Besigheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H02K 7/10, F04B 35/00, 23/08, A47L 7/00, B08B 3/02
- (11) WO 2004/107534 (13) A1
- (21) PCT/IT2004/000292
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) CR2003A000008 3 Jun/juin 2003 IT (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A MULTI-PURPOSE MACHINE WITH TWO OPERATING DEVICES ACTUATED BY A SINGLE ELECTRIC MOTOR
• MACHINE POLYVALENTE A DEUX DISPOSITIFS DE COMMANDE ACTIONNES PAR UN SEUL MOTEUR ELECTRIQUE
- (71, 72) PEDRAZZINI BERTOLAZZI, Marino [IT/IT]; Via San Francesco, 3, I-26020 Madignano, Cremona (IT).
- (74) MARI, Marco, Giovanni; Corso Garibaldi, 173, I-26100 Cremona (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ H02K 9/20
- (11) WO 2004/107535 (13) A2
- (21) PCT/FR2004/001300
- (22) 26 May/mai 2004 (26.05.2004)
- (25) fr (26) fr
- (30) 03/06346 26 May/mai 2003 FR (26.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ROTATING ELECTRICAL MACHINE, SUCH AS AN ALTERNATOR, PARTICULARLY FOR AN AUTOMOBILE
• MACHINE ELECTRIQUE TOURNANTE, TELLE QU'UN ALTERNATEUR, NOTAMMENT POUR VEHICULE AUTOMOBILE
- (71) VALEO EQUIPEMENTS ELECTRIQUES MOTEUR [FR/FR]; 2, rue André-Boulle, F-94017 Créteil Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VASILESCU, Claudiu [RO/FR]; 2, square Vitruve, F-75020 Paris (FR). FAKES, Michel [FR/FR]; 15, avenue du Vieux Moulin, F-59113 Seclin (FR).
- (74) GAMONAL, Didier; Valeo Equipements Electriques Moteur, 2, rue André-Boulle, F-94017 Créteil Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H02K 15/00, 15/02
- (11) WO 2004/107537 (13) A1
- (21) PCT/US2004/003673
- (22) 6 Feb/fév 2004 (06.02.2004)
- (25) en (26) en
- (30) 10/359,305 6 Feb/fév 2003 US (06.02.2003)
- (30) PCT/US03/008671 28 Mar/mar 2003 US (28.03.2003)
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H02K 11/04, 5/16
- (11) WO 2004/107536 (13) A1
- (21) PCT/JP2004/007443
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 2003-149797 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BRUSHLESS MOTOR
• MOTEUR SANS BALAIS
- (71) MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NATSUHARA, Tsutomu [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). SHIMIZU, Hidenori [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). MIZUNO, Mitsumasa [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). INOUE, Hiroki [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP).
- (74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (30) 10/771,496 **5 Feb/fév 2004** US
(05.02.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEMS AND METHODS FOR MANUFACTURING ADAPTIVE ELECTRIC MACHINES
• SYSTEMES ET PROCEDES SERVANT A FABRIQUER DES MACHINES ELECTRIQUES ADAPTATIVES
- (63) US 10/359,305 (CIP)
6 Feb/fév 2003 (06.02.2003)
- (71) WAVECREST LABORATORIES LLC [US/US]; 45600 Terminal Drive, Dulles, VA 20166 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MASLOV, Boris, A. [US/US]; 10814 Oldfield Drive, Reston, VA 20191 (US).
- (74) WAVECREST LABORATORIES LLC; Intellectual Property Group, 45600 Terminal Drive, Dulles, VA 20166 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K 21/00, 21/46
- (11) WO 2004/107539 (13) A1
- (21) PCT/GB2004/002313
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 0312486,4 **30 May/mai 2003** GB
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRIC MACHINE WITH PERMANENT MAGNETIC ROTOR
• MACHINE ELECTRIQUE COMPORTANT UN ROTOR MAGNETIQUE PERMANENT
- (71) THE UNIVERSITY OF BATH [GB/GB]; Claverton Down, Bath BA2 7AY (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RODGER, David [GB/GB]; 87 Lyncombe Hill, Bath BA2 4PJ (GB). LAI, Hong Cheng [GB/GB]; 11 Chedworth Close, Claverton Down, Bath BA2 7AF (GB). HILL-COTTINGHAM, Roger, John [GB/GB]; Ash Hill Cottage, The Green, Coleford, Radstock, BA3 5LY (GB).
- (74) CRITTEN, Matthew, Peter et al. / etc.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K 15/12, 3/44, 1/02
- (11) WO 2004/107538 (13) A1
- (21) PCT/JP2004/007011
- (22) 17 May/mai 2004 (17.05.2004)
- (25) ja (26) ja
- (30) 2003-155920 **30 May/mai 2003** JP
(30.05.2003)
- (30) 2004-058198 **2 Mar/mar 2004** JP
(02.03.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTROMAGNETIC MEMBER-PRODUCING METHOD AND ELECTROMAGNETIC MEMBER
• PROCEDE DE PRODUCTION D'UN ELEMENT ELECTROMAGNETIQUE ET ELEMENT ELECTROMAGNETIQUE
- (71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOYODA, Haruhisa [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo, 6640016 (JP). HIROSE, Kazuhiro [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo, 6640016 (JP). OKAMOTO, Hideyuki [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 5540024 (JP). IIDUKA, Shinichi [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 5540024 (JP).
- (74) NAKANO, Minoru et al. / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, konohana-ku, Osaka-shi, Osaka, 5540024 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K 21/12, 3/16
- (11) WO 2004/107540 (13) A1
- (21) PCT/CA2004/000689
- (22) 10 May/mai 2004 (10.05.2004)
- (25) en (26) en
- (30) 10/444,952 **27 May/mai 2003** US
(27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • ELECTRIC MACHINE
• MACHINE ÉLECTRIQUE
- (71) PRATT & WHITNEY CANADA CORP. [CA/CA]; c/o Todd Bialek, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Quebec J4G 1A1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOOLEY, Kevin [GB/CA]; 2605 Woodchester Drive, Unit 4S, Mississauga, Ontario L5K 2E3 (CA).
- (74) BAILEY, Todd; Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K 21/22
- (11) WO 2004/107541 (13) A1
- (21) PCT/EP2004/006007
- (22) 3 Jun/juin 2004 (03.06.2004)
- (25) de (26) de
- (30) 103 25 085.9 **3 Jun/juin 2003** DE
(03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • TRANSVERSAL FLUX MACHINE
• MACHINE A FLUX TRANSVERSAL
- (71) COMPACT DYNAMICS GMBH [DE/DE]; Moosstrasse 9, 82319 Starnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRÜNDL, Andreas [DE/DE]; Haseneystasse 20, 81377 München (DE). HOFFMANN, Bernhard [DE/DE]; Otto-Gassner-Strasse 3, 82319 Starnberg (DE).
- (74) SCHMIDT, Steffen J.; Schweigerstrasse 2, 81541 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H02K 53/00

(11) WO 2004/107542 (13) A1

(21) PCT/KR2004/001047

(22) 6 May/mai 2004 (06.05.2004)

(25) ko (26) en

(30) 10-2003-0033618 27 May/mai 2003 KR
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • A GENERATING MOTOR USING
MAGNETISM'S VECTOR
• GENERATEUR UTILISANT UN VEC-
TEUR MAGNETIQUE

(71, 72) YUN, Jae-Shin [US/KR]; 101-909
Samick Seremic APT., 184 Gil 2-dong,
Kangdong-gu, Seoul 134-809 (KR). YUN,
Jae-Won [KR/KR]; 101-909 Samick Seremic
APT., 184 Gil 2-dong, Kangdong-gu, Seoul
134-809 (KR).

(74) HAW, Yong-Noke; 8th fl. Songchon bldg.
642-15 Yoksam-dong, Kangnam-gu, Seoul
135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02M

(11) WO 2004/107543 (13) A2

(21) PCT/US2004/016668

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,749 28 May/mai 2003 US
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • POWER CONVERTER FOR A SOLAR
PANEL
• CONVERTISSEUR DE PUISSANCE
POUR PANNEAU SOLAIRE

(71) BEACON POWER CORPORATION
[US/US]; 234 Ballardvale Street, Wilming-
ton, MA 01887-1032 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CAPP, William, F. [US/US]; 2900
Thomas Ave S, Apt 2311, Minneapolis,

MN 55416 (US). DRISCOLL, William, J.
[US/US]; 15 Robinson Road, Westford, MA
01886 (US).

(74) CHACLAS, George, N. et al. / etc.; Ed-
wards & Angell, LLP, P.O. Box 55874,
Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H02M 1/00

(11) WO 2004/107544 (13) A2

(21) PCT/EP2004/005535

(22) 22 May/mai 2004 (22.05.2004)

(25) de (26) de

(30) 103 24 781.5 31 May/mai 2003 DE
(31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • SWITCHED-MODE POWER SUPPLY
COMPRISING A CIRCUIT ARRANGE-
MENT FOR IMPROVING THE IN-
TERRUPTION BEHAVIOUR OF A
SWITCHING TRANSISTOR

- RESEAU DE DISTRIBUTION COM-
PRENANT UN MONTAGE QUI SERT
A AMELIORER L'APTITUDE DE
COUPE-CIRCUIT D'UN TRANSIS-
TOR DE COMMUTATION

(71) BRAUN GMBH [DE/DE]; Frankfurter
Strasse 145, 61476 Kronberg (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BERGG, Günther [DE/DE]; Weiden-
strasse 9, 65527 Niederrhausen (DE).

(74) BRAUN GMBH; Frankfurter Strasse 145,
61476 Kronberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H02M 1/00

(11) WO 2004/107545 (13) A1

(21) PCT/IB2004/050761

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 03076724.8 3 Jun/juin 2003 EP
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • CIRCUIT ARRANGEMENT
• AGENCEMENT DE CIRCUIT

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MELAI, Henri, A., I. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). HENDRIKX, Johan, A. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). VAN DIJK, Bernhard, C.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). VELDMAN, Paul, R.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) BOSMA, Rudolphus, H., A.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ H02M 1/00

(11) WO 2004/107546 (13) A1

(21) PCT/US2003/013859

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • POWER FACTOR CORRECTION CIR-
CUIT AND METHOD OF VARYING
SWITCHING FREQUENCY

- CIRCUIT DE CORRECTION DU FAC-
TEUR DE PUISSANCE ET PROCEDE
DE VARIATION DE LA FREQUENCE
DE COMMUTATION
- (71) SEMICONDUCTOR COMPONENTS
INDUSTRIES L.L.C. [US/US]; Patent Ad-
ministration - A700, 5005 E. McDowell Road,
Phoenix, AZ 85008 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TURCHI, Joel [FR/FR]; 30 bd Jean
Brunhes, Bat 1, F-31300 Toulouse (FR).
- (74) STIPANUK, James, J.; P.O. Box 62890,
Phoenix, AZ 85082-2890 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ H02M 3/156
- (11) WO 2004/107547 (13) A1
- (21) PCT/IB2004/050764
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 03076723.0 3 Jun/juin 2003 EP
(03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DC-DC-CONVERTER
• CONVERTISSEUR CONTINU-
CONTINU
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MELAI, Henri, A., I. [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
HENDRIKX, Johan, A. [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) BOSMA, Rudolphus, H., A.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ H02M 7/42
- (11) WO 2004/107549 (13) A1
- (21) PCT/GB2004/001501
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ H02M 3/24, H01L 41/107

(11) WO 2004/107548 (13) A1

(21) PCT/JP2004/007730

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-153283 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PIEZOELECTRIC TRANSFORMER
DRIVE METHOD AND DRIVE CIR-
CUIT

• PROCEDE D'ACTIVATION D'UN
TRANSFORMATEUR PIEZOELEC-
TRIQUE, ET CIRCUIT D'ATTAQUE

(71) TAMURA CORPORATION [JP/JP];
1-19-43, Higashi-oizumi, Nerima-ku, Tokyo,
1788511 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIZUTANI, Akira [JP/JP]; c/o
TAMURA CORPORATION, SAKADO
FACTORY, 5-5-30, Chiyoda, Sakado-shi,
Saitama, 3500214 (JP). MATSUO, Yasuhide
[JP/JP]; c/o TAMURA CORPORATION,
SAKADO FACTORY 5-5-30, Chiyoda,
Sakado-shi, Saitama, 3500214 (JP).

(74) TAKAHASHI, Isamu; 7th Floor, Shinoda
bldg., 10-7, Higashi Kanda 1-chome, Chiy-
oda-ku, Tokyo, 1010031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02M 7/42

(11) WO 2004/107549 (13) A1

(21) PCT/GB2004/001501

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0312378.3 30 May/mai 2003 GB
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOMOPOLAR ELECTRO-MECHANI-
CAL ROTARY POWER CONVERTER
• CONVERTISSEUR DE PUISSANCE
ELECTROMECHANIQUE ROTATIF HO-
MOPOLAIRE

(71, 72) OWEN, Michael [GB/GB]; 17 Hawk-
wood Rise, Great Bookham, Surrey KT23 4JS
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c), (n)

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(v) for all designations / pour toutes les
désignations

(51)⁷ H02M 7/48, H02H 5/04, 7/122

(11) WO 2004/107550 (13) A1

(21) PCT/FI2004/000321

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 20030809 28 May/mai 2003 FI
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TEMPERATURE MONITORING OF
PARALLEL-CONNECTED INVERTER
MODULES

• SURVEILLANCE DE LA TEMPERA-
TURE DE MODULES ONDULEURS
MONTES EN PARALLELE

(71) ABB OY [FI/FI]; Strömbergintie 1, FI-00380
Helsinki (FI).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PÖYHÖNEN, Simo [FI/FI]; Albert Pe-
treliuksen katu 6 D 33, FI-01370 Vantaa (FI).
PASURI, Osmo [FI/FI]; Selkätie 2, FI-03250
Ojakkala (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23,
P.O.Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H02M 7/48

(11) WO 2004/107551 (13) A1

(21) PCT/JP2003/006756

(22) 29 May/mai 2003 (29.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • INVERTER DEVICE
• DISPOSITIF INVERSEUR

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUDA, Kensaku [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). ANDOU, Tarou [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN DE GB JP US.

(51)⁷ H02M 7/48

(11) WO 2004/107552 (13) A1

(21) PCT/JP2004/007094

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-155353 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • HIGH-FREQUENCY HEATER INVERTER POWER SOURCE CONTROL CIRCUIT
• CIRCUIT DE COMMANDE ALIMENTATION INVERSEUR DE CHAUFFAGE A HAUTE FREQUENCE

(71) TABUCHI ELECTRIC CO., LTD. [JP/JP]; 12-20, Mitejima 1-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP). SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5450013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYAZAKI, Shinobu [JP/JP]; c/o TABUCHI ELECTRIC CO., LTD., 12-20, Mitejima 1-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP). NAKAISHI, Masaki [JP/JP]; c/o TABUCHI ELECTRIC CO., LTD., 12-20, Mitejima 1-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP). MASUDA, Shinichi [JP/JP]; 2-11-37-304, Tudyuyama, Tondabayashi-shi, Osaka 5840081 (JP).

(74) SUGIMOTO, Shuji et al. / etc.; Higobashi Nittai Bldg., 10-2, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 5500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 7/48

(11) WO 2004/107553 (13) A1

(21) PCT/JP2004/007095

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-155354 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • INVERTER POWER SOURCE CONTROL CIRCUIT FOR HIGH-FREQUENCY HEATER
• CIRCUIT DES COMMANDE D'ALIMENTATION ELECTRIQUE INVERSEUR POUR CHAUFFAGE A HAUTE FREQUENCE

(71) TABUCHI ELECTRIC CO., LTD. [JP/JP]; 12-20, Mitejima 1-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP). SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5450013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYAZAKI, Shinobu [JP/JP]; c/o TABUCHI ELECTRIC CO., LTD., 12-20, Mitejima 1-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP). NAKAISHI, Masaki [JP/JP]; c/o TABUCHI ELECTRIC CO., LTD., 12-20, Mitejima 1-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP). MASUDA, Shinichi [JP/JP]; 2-11-37-304, Tudyuyama, Tondabayashi-shi, Osaka 5840081 (JP).

(74) SUGIMOTO, Shuji et al. / etc.; Higobashi Nittai Bldg., 10-2, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 5500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02N

(11) WO 2004/107554 (13) A2

(21) PCT/US2004/016688

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,430 27 May/mai 2003 US (27.05.2003)

(30) 10/855,260 26 May/mai 2004 US (26.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • PIEZOELECTRIC MOTOR AND METHOD OF EXCITING AN ULTRASONIC TRAVELING WAVE TO DRIVE THE MOTOR
• MOTEUR PIEZOELECTRIQUE ET PROCEDE D'EXCITATION D'UNE ONDE PROGRESSIVE ULTRASONORE DESTINE A D'ENTRAINER LE MOTEUR

(71) THE PENN STATE RESEARCH FOUNDATION [US/US]; 304 Old Main, University Park, PA 16802 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UCHINO, Kenji [US/US]; 410 East Hamilton Avenue, State College, PA 16801 (US). DONG, Shuxiang [CN/US]; 1105 Lora Lane, Apt.#9, Blacksburg, VA 24060 (US). STRAUSS, Michael, T. [US/US]; 56 Federal Street, Newburyport, MA 01950 (US).

(74) WATHEN, Douglas, L. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkows, ki, P.C., 280 N. Old Woodward Ave., Suite 400, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02P 7/00, H04L 12/40

(11) WO 2004/107555 (13) A1

(21) PCT/DK2004/000364

(22) 25 May/mai 2004 (25.05.2004)

(25) de (26) de

(30) 103 23 980.4 27 May/mai 2003 DE (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MOTOR CONTROL UNIT
• SYSTEME DE COMMANDE DE MO-
TEUR
- (71) DANFOSS DRIVES A/S [DK/DK]; Ulsnæs
1, DK-6300 Graasten (DK).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MAURITSEN, Oluf [DK/DK]; Højlund
32, Vester Sottrup, Dk-6400 Sønderborg
(DK).
- (74) NISSEN, Georg; c/o Danfoss A/S,
Patentabteilung, DK-6430 Nordborg (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

- (51)⁷ H02P 7/46, 5/34
(11) WO 2004/107556 (13) A1
(21) PCT/FI2004/000322
(22) 26 May/mai 2004 (26.05.2004)
(25) en (26) en
(30) 20030798 27 May/mai 2003 FI
(27.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • METHOD FOR CONTROLLING DOU-
BLY-FED MACHINE
• PROCÉDÉ POUR RÉGULER UNE MA-
CHINE À DOUBLE ALIMENTATION
- (71) ABBOY [FI/FI]; Strömbergintie 1, FI-00380
Helsinki (FI).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) VIRTANEN, Reijo [FI/FI]; Apajakuja 2
B 35, FI-01600 Vantaa (FI). PASURI, Osmo
[FI/FI]; Selkätie 2, FI-03250 Ojakkala (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23,
P.O. Box 148, FI-00121 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ H03B 1/00

- (11) WO 2004/107557 (13) A1
(21) PCT/US2004/012891
(22) 27 Apr/avr 2004 (27.04.2004)
(25) en (26) en
(30) 10/443,178 21 May/mai 2003 US
(21.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • FAST-SETTLING DC OFFSET RE-
MOVAL CIRCUITS WITH CONTINU-
OUS CUTOFF FREQUENCY SWITCH-
ING
• CIRCUITS D'ELIMINATION DE DECA-
LAGES EN CONTINU A STABILISA-
TION RAPIDE AVEC COMMUTATION
DES FREQUENCES DE COUPURE EN
CONTINU

(71) HYPERBAND COMMUNICATION,
INC. [US/US]; 826 North Hillview Drive,
Milpitas, CA 95035-4544 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CAO, Kanyu [CN/US]; 20350 Stevens
Creek Blvd., Apt. #211, Cupertino, CA
95014 (US). CHEN, Tung-Shan [CN/US];
826 N. Hillview Drive, Milpitas, CA 95035
(US). LI, Hongyu [CN/US]; 10171 Porlett
Place, Cupertino, CA 95014 (US). CHAO,
Chieh-Yuan [US/US]; 41583 Apricot Lane,
Fremont, CA 94539 (US).

(74) EMIL, Chang; Law Offices of Emil Chang,
874 Jasmine Drive, Sunnyvale, CA 94086
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ H03B 5/00

- (11) WO 2004/107558 (13) A1
(21) PCT/CN2004/000599
(22) 3 Jun/juin 2004 (03.06.2004)
(25) zh (26) zh
(30) 10/250,082 3 Jun/juin 2003 US
(03.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
(54) • A SWITCHED-CAPACITIVE CIRCUIT
AND METHOD FOR REDUCING
CLOCK FEEDTHROUGH IN VOLT-
AGE CONTROLLED OSCILLATOR
• CIRCUIT CAPACITIF COMMUTE ET
PROCEDE PERMETTANT DE RE-
DUIRE L'INJECTION DE CHARGE
DANS UN OSCILLATEUR COM-
MANDE EN TENSION
- (71) MEDIATEK INCORPORATION
[CN/CN]; 5F, No. 1-2, Innovation Road
1, Science-Based Industrial Park, Hsin-Chu
Hsien, Taiwan (CN).
(for all designated States except / pour tous
les États désignés sauf US)

(72) HSIAO, Chi-Ming; 10F-3 No. 141
Kung-Hsueh N.Rd, Tai-Chung, Taiwan (CN).
DEHNG, Guang-Kaai; 2F, No. 18 Lane
333, Sec 3 Roosevelt Rd., Taipei, Taiwan
(CN). TSAI, Ming-Horng; No. 120, Sec
1, Shih-Chieh Rd., Yuan-Li Town, Miao-Li
Hsien, Taiwan (CN). KE, Ling-Wei; 2F,
No.1, Lane 260, Sec.2, Chung-Hsing Rd.,
Chu-Tung Town., Hsin-Chu Hsien, Tai-
wan (CN). YEH, En-Hsiang; 5F No. 209,
Kuan-Tung Rd., Hsin-Chu City, Taiwan
(CN). CHI, Chi-Kun; No. 38, Alley 1,
Lane 104, Sec 3, Yen-Ping Rd., Ping-Cheng,
Tao-Yuan Hsien, Taiwan (CN).

(74) LIU, SHEN & ASSOCIATES; A0601,
Huibin Building, No. 8 Beichen Dong Street,
Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03B 5/36

(11) WO 2004/107559 (13) A1

(21) PCT/EP2004/050478

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 10324392.5 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE FOR SETTING A FREQUENCY

- DISPOSITIF POUR REGLER UNE FREQUENCE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CASENAVE, Christophe [FR/DE]; Enfingerstrasse 52, 89073 Ulm (DE). MONNO, Reinhard [DE/DE]; Neugasse 24, 35794 Mengerskirchen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03D 13/00

(11) WO 2004/107560 (13) A1

(21) PCT/IB2004/050705

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03101533.2 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHASE DETECTOR AND METHOD OF PHASE DETECTION

- DETECTEUR DE PHASE ET PROCÉDE DE DETECTION DE PHASE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).

(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) KADNER, Martin [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 1/00

(11) WO 2004/107561 (13) A1

(21) PCT/US2003/016191

(22) 21 May/mai 2003 (21.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • VOLTAGE TO CURRENT CONVERTER
• CONVERTISSEUR TENSION-COURANT

(71) ESS TECHNOLOGY, INC. [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(72) MALLINSON, Andrew, Martin; ESS Technology, Inc., 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(74) STEVENS, David, R.; Stevens Law Group, P.O. Box 1667, San Jose, CA 95109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ H03F 1/32

(11) WO 2004/107562 (13) A1

(21) PCT/US2003/017162

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR CANCELLATION OF THIRD ORDER INTERMODULATION DISTORTION AND OTHER NONLINEARITIES

- PROCÉDE ET APPAREIL D'ANNULATION D'UNE DISTORSION D'INTERMODULATION DE TROISIÈME ORDRE ET D'AUTRES NON LINEARITES

(71) THE UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE [US/US]; 9201 University City Boulevard, Charlotte, NC 28223-0001 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WELDON, Thomas, Paul [US/US]; 9026 Roseton Lane, Charlotte, NC 28277 (US).

(74) EDWARDS, James, C. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 3/217, 1/04

(11) WO 2004/107563 (13) A2

(21) PCT/CA2004/000814

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 10/449,105 2 Jun/juin 2003 US (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HIGH-EFFICIENCY AMPLIFIER, CONVERTER AND METHODS

- AMPLIFICATEUR, CONVERTISSEUR ET PROCÉDES HAUTE EFFICACITE

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72) SMILEY, Russell; 44 Boulder Way, Nepean, Ontario K2J 4R6 (CA). FULLER, Arthur; 239 Knudson Drive, Kanata, Ontario K2K 2N7 (CA). MORRIS, Bradley John; 1233 Sherman Drive, Ottawa, Ontario K2C 2M7 (CA).

(74) SMART & BIGGAR et al. / etc.; P.O. Box 2999, Station D, 900 - 55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H03F 3/217

(11) WO 2004/107564 (13) A1

(21) PCT/US2004/015808

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/444,564 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • EFFICIENT MINIMUM PULSE
SPREAD SPECTRUM MODULATION
FOR FILTERLESS CLASS D AMPLIFIERS

- MODULATION EFFICACE
DU SPECTRE D'ETALEMENT
D'IMPULSIONS MINIMUM POUR
AMPLIFICATEURS DE CLASSE D
SANS FILTRE

- (71) MAXIM INTEGRATED PRODUCTS,
INC. [US/US]; 120 San Gabriel Drive, Sun-
nyvale, CA 94086 (US).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) EDWARDS, Christopher, Francis
[US/US]; 621 Pine Avenue, Sunnyvale, CA
94085 (US). EASSON, Craig, Alexander
[GB/US]; 555 E. Washington Drive, Apt.
1208, Sunnyvale, CA 94086 (US). KOL-
LURI, Madhavprasad, V. [US/US]; 1450
Saskatchewan Drive, Sunnyvale, CA 94087
(US). DOY, Anthony, Stephen [GB/US];
1261 Rembrandt Drive, Sunnyvale, CA
94087 (US).

- (74) BLAKELY, Roger, W., Jr. et al. / etc.;
Blakely, Sokoloff, Taylor & Zafman, 7th
floor, 12400 Wilshire Boulevard, Los Ange-
les, CA 90025-1026 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H03F 3/217

(11) WO 2004/107565 (13) A1

(21) PCT/US2004/015931

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/444,547 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • FILTERLESS CLASS D AMPLIFIERS
USING SPREAD SPECTRUM PWM
MODULATION

- AMPLIFICATEUR SANS FILTRE DE
CLASSE D, DOTE D'UNE MODULA-
TION DE LARGEUR D'IMPULSION A
SPECTRE ETALE

- (71) MAXIM INTEGRATED PRODUCTS,
INC. [US/US]; 120 San Gabriel Drive, Sun-
nyvale, CA 94086 (US).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) EASSON, Craig, Alexander [GB/US];
555 E. Washington Drive, Apt. 1208,
Sunnyvale, CA 94086 (US). EDWARDS,
Christopher, Francis [GB/US]; 621 Pine
Avenue, Sunnyvale, CA 94085 (US). KOL-
LURI, Madhavprasad, V. [US/US]; 1450
Saskatchewan Drive, Sunnyvale, CA 94087
(US). DOY, Anthoy, Stephen [GB/US];
1261 Rembrandt Drive, Sunnyvale, CA
94087 (US).

- (74) BLAKELY, Roger, W., Jr. et al. / etc.;
Blakely, Sokoloff, Taylor & Zafman, 12400
Wilshire Blvd., 7th Floor, Los Angeles, CA
90025-1026 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H03G 1/04, H03F 1/30

(11) WO 2004/107566 (13) A2

(21) PCT/US2004/016119

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/445,218 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • TEMPERATURE AND PROCESS COM-
PENSATION OF MOSFET OPERATING
IN SUB-THRESHOLD MODE

- COMPENSATION DE TEMPERATURE
ET DE PROCEDE D'UN MOSFET
FONCTIONNANT EN MODE INFRA-
SEUIL

- (71) QUALCOMM, Incorporated [US/US];
5775 Morehouse Drive, San Diego, Califor-
nia 92121-1714 (US).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) ZHOU, Jianjun [CN/US]; 4382 Corte
Al Fresco, San Diego, California 92130 (US).

ZHANG, Xuejun [CN/US]; 11507 Trail-
brook Lane, San Diego, California 92128
(US).

- (74) WADSWORTH, Philip R. et al. / etc.; 5775
Morehouse Drive, San Diego, California
92121-1714 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations

(51)⁷ H03G 3/26

(11) WO 2004/107567 (13) A1

(21) PCT/JP2003/006761

(22) 29 May/mai 2003 (29.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • OPTICAL CONTROL PHASED ARRAY
ANTENNA

- ANTENNE D'AGENCEMENT EN
PHASE DE COMMANDE OPTIQUE

- (71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) MIZUMA, Masashi [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). ANDO, Toshiyuki [JP/JP];
c/o Mitsubishi Denki Kabushiki Kaisha,
2-3, Marunouchi 2-chome, Chiyoda-ku,
Tokyo 100-8310 (JP). AKIYAMA, Tomo-
hiro [JP/JP]; c/o Mitsubishi Denki Kabushiki
Kaisha, 2-3, Marunouchi 2-chome, Chi-
yoda-ku, Tokyo 100-8310 (JP). HIRANO,
Yoshihito [JP/JP]; c/o Mitsubishi Denki
Kabushiki Kaisha, 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

- (74) SOGA, Michiteru et al. / etc.; S. Soga & Co.,
8th Floor, Kokusai Building, 1-1, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H03H 7/06

(11) WO 2004/107568 (13) A1

(21) PCT/IB2004/050778

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03076725.5 3 Jun/juin 2003 EP (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LOW PASS FILTER AND ELECTRONIC DEVICE

• FILTRE PASSE-BAS ET DISPOSITIF ELECTRONIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMOLDERS, Adrianus, B. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PULSFORD, Nicolas, J. [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BUIJSMAN, Adrianus, A., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PASCAL, Philippe [FR/FR]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HADDAD, Fattah [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H03H 7/09

(11) WO 2004/107569 (13) A1

(21) PCT/JP2004/006866

(22) 14 May/mai 2004 (14.05.2004)

(25) ja

(26) ja

(30) 2003-151766 29 May/mai 2003 JP (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NOISE SUPPRESSING CIRCUIT

• CIRCUIT DE SUPPRESSION DE BRUIT

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 1038272 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71) WASAKI, Hitomi (heiress of the deceased inventor / héritière de l'inventeur décédé) [JP/JP]; 4-332, Kofudai, Ichihara-shi, Chiba 2900255 (JP).

(only for / seulement pour US)

(72) WASAKI, Masaru (deceased / décédé).

(72, 75) SAITOH, Yoshihiro [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 1038272 (JP).

(74) HOSHIMIYA, Katsumi; 10th Floor, Toukou Building, 15-7, Shinjuku 5-chome, Shinjuku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 9/02

(11) WO 2004/107570 (13) A1

(21) PCT/FR2004/001158

(22) 12 May/mai 2004 (12.05.2004)

(25) fr (26) fr

(30) 03 06341 26 May/mai 2003 FR (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR POLARISING AN ELECTROMECHANICAL MICROCIRCUIT AT A CONSTANT ELECTRICAL CHARGE VALUE

• PROCEDE DE POLARISATION D'UN MICRO-CIRCUIT ELECTROMECHANIQUE A UNE VALEUR DE CHARGE ELECTRIQUE CONSTANTE

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S) [FR/FR]; 3, rue Michel Ange, F-75016 PARIS (FR). GALAYKO, Dimitri [UA/FR]; 11, rue Solférino, F-59800 LILLE (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAISER, Andreas [DE/FR]; 53, allée de la Courtine, F-59650 VILLENEUVE D'ASCQ (FR). COLLARD, Dominique [FR/FR]; 1, avenue de la République, F-59130 LAMBERSART (FR).

(74) FRECHEDE, Michel et al. / etc.; CABINET LAVOIX, 2, place d'Estienne d'Orves, F-75441 PARIS CEDEX 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03H 9/145

(11) WO 2004/107571 (13) A1

(21) PCT/CA2004/000782

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 10/449,023 2 Jun/juin 2003 US (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SURFACE WAVE DEVICE WITH WEIGHTED TRANSDUCER

• DISPOSITIF D'ONDE DE SURFACE PRESENTANT UN TRANSDUCTEUR PONDERE

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72) BEAUDIN, Steve; 1512-171 Lees Avenue, Ottawa, Ontario K1S 5P3 (CA). JIAN, Chun-yun; 189 Bridlewood Drive, Kanata, Ontario K2M 2M4 (CA). REPETA, Morris; 15 The Masters Drive, Ottawa, Ontario K1V 9W5 (CA).

(74) SMART & BIGGAR et al. / etc.; P.O. Box 2999, Station D, 900 - 55 Metcalf Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 9/25, H01L 23/00

(11) WO 2004/107572 (13) A1

(21) PCT/JP2004/007530

(22) 26 May/mai 2004 (26.05.2004)

- (25) ja (26) ja
 (30) 2003/152299 **29 May/mai 2003** JP
 (29.05.2003)
 (30) 2003/409796 **9 Dec/déc 2003** JP
 (09.12.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • PIEZOELECTRIC DEVICE
 • DISPOSITIF PIEZO-ELECTRIQUE
 (71) TOYO COMMUNICATION EQUIPMENT CO., LTD. [JP/JP]; 484, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8513 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) NAGASHIMA, Ryota [JP/JP]; c/o Toyo Communication Equipment Co., Ltd., 1-1, Koyato 2-chome, Samukawa-machi, Kouza-gun, Kanagawa 253-0192 (JP).
 (74) SUZUKI, Hitoshi; Nakano JM Bldg. 5th Floor, 28-1, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H03H 17/02, 17/04, H04R 3/00
 (11) WO 2004/107573 (13) A1
 (21) PCT/JP2004/006891
 (22) 14 May/mai 2004 (14.05.2004)
 (25) ja (26) ja
 (30) 2003-151417 **28 May/mai 2003** JP
 (28.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • AUDIO QUALITY ADJUSTMENT DEVICE
 • DISPOSITIF DE REGLAGE DE QUALITE AUDIO
 (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) YANO, Atsuyoshi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
 (74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H03K 3/354
 (11) WO 2004/107575 (13) A1
 (21) PCT/JP2004/007270
 (22) 27 May/mai 2004 (27.05.2004)
 (25) ja (26) ja
 (30) 2003-150326 **28 May/mai 2003** JP
 (28.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • OSCILLATION CIRCUIT
 • CIRCUIT D'OSCILLATION
 (71) ROHM CO., LTD. [JP/JP]; 21, Mizosaki-cho, Saiin, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MARUYAMA, Sho [JP/JP]; c/o Rohm Co., Ltd., 21, Mizosaki-cho, Saiin, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). WAKII,
-
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ H03J 5/24, H03G 3/20
 (11) WO 2004/107574 (13) A1
 (21) PCT/IB2004/050758
 (22) 24 May/mai 2004 (24.05.2004)
 (25) en (26) en
 (30) PCT/IB03/03970 **27 May/mai 2003** IB
 (27.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • CHANNEL SELECTOR WITH AUTOMATIC GAIN CONTROL
 • SELECTEUR DE CANAUX A COMMANDE AUTOMATIQUE DE GAIN
 (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KWONG, Kam, Choon [MY/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
 (74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H03K 4/501, 3/0231
 (11) WO 2004/107576 (13) A1
 (21) PCT/SG2003/000137
 (22) 3 Jun/juin 2003 (03.06.2003)
 (25) en (26) en
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • RELAXATION OSCILLATOR WITH PROPOGATION DELAY COMPENSATION FOR IMPROVING LINEARITY AND MAXIMUM FREQUENCY
 • OSCILLATEUR DE RELAXATION PRESENTANT UNE COMPENSATION DE RETARD DE PROPAGATION POUR UNE AMELIORATION DE LINEARITE ET UNE FREQUENCE MAXIMALE
 (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-strasse 53, D-81669 Munich (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) GONG, Xiaowu [CN/SG]; Block 310, # 08-293, Clementi, Ave. 2, Singapore 120310 (SG).
 (74) WATKIN, Timothy, Lawrence, Harvey; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (GB).
 (81) CN KR US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- Declaration / Déclaration :
 (u) for / pour US only / seulement
 (51)⁷ H03K 17/14, 17/22
 (11) WO 2004/107577 (13) A1
 (21) PCT/IE2004/000074
 (22) 19 May/mai 2004 (19.05.2004)
 (25) en (26) en
 (30) 10/452,856 **2 Jun/juin 2003** US
 (02.06.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • BROWN-OUT DETECTOR
 • DETECTEUR DE BAISSSE DE TENSION
 (71) ANALOG DEVICES, INC. [US/US]; Three Technology Way, P.O. Box 9106, Norwood, MA 02062-9106 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) GUBBINS, David, P. [IE/IE]; Mounthannon Road, Lisnagry, County Limerick (IE).
- (74) SHORTT, Peter, Bernard et al. / etc.; Tomkins & Co., 5 Dartmouth Road, Dublin 6 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03K 19/00, H01L 27/04

(11) WO 2004/107578 (13) A1

(21) PCT/JP2003/006714

(22) 28 May/mai 2003 (28.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SEMICONDUCTOR DEVICE

• DISPOSITIF A SEMICONDUCTEUR

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UNO, Osamu [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP).

(74) YAMANAKA, Ikuo et al. / etc.; Annex 2nd Floor, Nagoya Center Building, 2-22, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03L

(11) WO 2004/107579 (13) A2

(21) PCT/US2004/015470

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/447,443 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIGITAL TO PHASE CONVERTER COMPENSATION

• COMPENSATION POUR CONVERTISSEUR NUMERIQUE/PHASE

(71) MOTOROLA, INC., a corporation of the State of Delaware [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STENGEL, Robert, E. [US/US]; 2301 S.E. 9th Street, Pompano Beach, FL 33062 (US).

(74) DOUTRE, Barbara, R. et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Plantation, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03L

(11) WO 2004/107580 (13) A2

(21) PCT/US2004/016454

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,537 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AUTOMATED SITE SECURITY, MONITORING AND ACCESS CONTROL SYSTEM

• SECURITE DE SITE AUTOMATISEE, SYSTEME DE COMMANDE D'ACCES ET DE CONTROLE

(71, 72) SEFTON, Alan [US/US]; 2080 Wilkerson Road, Knoxville, TN 37922 (US).

(74) CROCKETT, Mark; P.O. Box 1871, 900 S. Gay St., Suite 1871, Knoxville, TN 37901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03L 5/02, 7/08

(11) WO 2004/107581 (13) A1

(21) PCT/GB2004/002274

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312445.0 30 May/mai 2003 GB (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AN APPARATUS FOR PROVIDING AN OSCILLATING SIGNAL TO A LOAD

• APPAREIL PERMETTANT DE FOURNIR UN SIGNAL OSCILLANT A UNE CHARGE

(71) QUALCOMM (UK) LIMITED [GB/GB]; Spectrum Point, 2nd Floor, 279 Fanborough Road, Farnborough, Hampshire GU14 7LS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALSH, Gregory, S. [GB/GB]; Qualcomm (UK) Limited, Spectrum Point, 2nd Floor, 279 Fanborough Road, Hampshire GU14 7LS (GB).

(74) DUNLOP, Hugh, C. et al. / etc.; R G C Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03L 7/099

(11) WO 2004/107582 (13) A1

(21) PCT/SG2003/000135

(22) 30 May/mai 2003 (30.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A SELF-CALIBRATED CONSTANT-GAIN TUNABLE OSCILLATOR

• OSCILLATEUR ACCORDABLE A GAIN CONSTANT AUTO-ETALONNE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St-Martin-Strasse 53, D-81669 Munich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WU, Hai Jie [SG/SG]; Block 67 Telok Blangah Drive, #08-222, Singapore 100067 (SG).

(74) WATKIN, Timothy Lawrence Harvey; Lloyd Wise, Tanjong Pagar, P.O.Box 636, Singapore 910816 (SG).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H03M 1/66, G06J 1/00, H04L 5/12

(11) WO 2004/107583 (13) A1

(21) PCT/US2003/016567

(22) 22 May/mai 2003 (22.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIGITAL TO ANALOG CONVERTER HAVING A LOW POWER SEMI-ANALOG FINITE IMPULSE RESPONSE CIRCUIT

• CONVERTISSEUR NUMERIQUE-ANALOGIQUE POSSEDANT UN CIRCUIT A REPOSE IMPULSIONNELLE FINI SEMI-ANALOGIQUE BASSE PUISSANCE

(71) ESS TECHNOLOGY, INC. [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MALLINSON, Andrew, Martin [CA/US]; ESS Technology, Inc., 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(only for / seulement pour US)

(74) STEVENS, David, R.; Stevens Law Group, P.O. Box 1667, San Jose, CA 95109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H03M 7/00

(11) WO 2004/107584 (13) A1

(21) PCT/ES2004/000224

(22) 31 May/mai 2004 (31.05.2004)

(25) es (26) es

(30) P 2003 01288 30 May/mai 2003 ES (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR RESAMPLING AT TRANSMISSION AND RECEPTION OF A DIGITAL SIGNAL WITH DIGITAL BAND TRANSLATION

• PROCEDE DE REECHANTILLONNAGE DANS LA TRANSMISSION ET LA RECEPTION D'UN SIGNAL NUMERIQUE AVEC TRANSLATION DANS LA BANDE NUMERIQUE

(71) DISEÑO DE SISTEMAS EN SILICIO, S.A. [ES/ES]; Charles Robert Darwin, 2, Parque Tecnológico, E-46980 Paterna (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLASCO CLARET, Jorge Vicente [ES/ES]; Guardia Civil, 23-2-38, E-46020 Valencia (ES). RIVEIRO INSUA, Juan Carlos [ES/ES]; Beata Genoveva Torres, 30 - Esc. B -10^o, Puerta 43, E-46019 Valencia (ES). IRANZO MOLINERO, Salvador [ES/ES]; Juan Llorens 29 - Puerta 8, E-46008 Valencia (ES). GARCÍA SAN JOSÉ, Aitor [ES/ES]; Beata Genoveva Torres, 30 - Bloque B, Puerta 49, E-46019 Valencia (ES).

(74) UNGRÍA LÓPEZ, Javier; Avda. Ramón y Cajal, 78, E-28043 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 13/09, 13/19, G11B 20/18, 20/18

(11) WO 2004/107585 (13) A1

(21) PCT/JP2004/007747

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-153927 30 May/mai 2003 JP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DECODING METHOD, DECODING DEVICE, PROGRAM, RECORDING/REPRODUCTION DEVICE AND METHOD, AND REPRODUCTION DEVICE AND METHOD

• PROCEDE ET DISPOSITIF DE DECODAGE, PROGRAMME, PROCEDE ET DISPOSITIF D'ENREGISTREMENT/REPRODUCTION, ET PROCEDE ET DISPOSITIF DE REPRODUCTION

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIKUCHI, Atsushi [JP/JP]; 220-20, Hodogaya-ku, Arai-cho, Yokohama-shi, Kanagawa, 2400053 (JP). HATTORI,

Masayuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). MIYAUCHI, Toshiyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). WATANABE, Kazuo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). KAN, Makiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 13/15

(11) WO 2004/107586 (13) A1

(21) PCT/EP2003/005637

(22) 28 May/mai 2003 (28.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LOGIC CIRCUIT

• CIRCUIT LOGIQUE

(71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LERZER, Jürgen [DE/DE]; Altenhofweg 67 A, 92318 Neumarkt/OPF (DE).

(74) HOFFMANN EITL; Arabellastrasse 4, 81925 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H03M 13/15

(11) WO 2004/107587 (13) A1

(21) PCT/EP2003/005638

(22) 28 May/mai 2003 (28.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PARALLEL ENCODING OF CYCLIC
CODES
• CODAGE PARALLELE DE CODES CY-
CLIQUES

(71) TELEFONAKTIEBOLAGET L MERIC-
SSON (publ) [SE/SE]; S-164 83 Stockholm
(SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LERZER, Jürgen [DE/DE]; Al-
tenhofweg 67 A, 92318 Neumarkt/OPF
(DE).

(74) HOFFMANN EITLÉ et al. / etc.; Arabel-
lastrasse 4, 81925 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04B

(11) WO 2004/107588 (13) A2

(21) PCT/IB2004/001708

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 10/448,918 29 May/mai 2003 US
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR FRE-
QUENCY TRANSLATION IN POWER-
LINE COMMUNICATIONS

• PROCEDE ET DISPOSITIF DE TRANS-
FORMATION DE FREQUENCES POUR
COMMUNICATIONS PAR LES LIGNES
ELECTRIQUES

(71) AMPERION, INC. [US/US]; Two Tech
Drive, Andover, Massachusetts 01810 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, Jack Wing [US/US]; 287 Peakham
Road, Sudbury, Massachusetts 01776 (US).

(74) LAO, Kenneth, Q. et al. / etc.; Ware, Fres-
sola, Van Der Sluys & Adolphson LLP, 755
Main Street, P.O. Box 224, Monroe, Con-
necticut 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04B

(11) WO 2004/107589 (13) A2

(21) PCT/KR2004/000283

(22) 12 Feb/fév 2004 (12.02.2004)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR
(30.05.2003)(30) 10-2004-0007868 6 Feb/fév 2004 KR
(06.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM
• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR];
20, Yoido-Dong, Yongsungpo-Ku, Seoul
150-010 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAEK, Seung-Myun [KR/KR]; Lucky
Apt. 12-403, Banlim-Dong, Changwon-Shi,
Kyungsangnam-Do 641-764 (KR). LEE,
Koon-Seok [KR/KR]; Sungwon Apt.
102-1406, 45-1 Sangnam-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-778 (KR).
CHOI, Hwan-Jong [KR/KR]; 909-13,
Manduk 3-Dong, Buk-Ku, Busan 616-829
(KR). KIM, Yong-Tae [KR/KR]; Dae-
dong Apt. 1006-1504, Seokbongmaeul,
Mukea-Ri, Jangyou-Myun, Gimhae-Shi,
Kyungsangnam-Do 621-833 (KR). KOO,
Feel-Young [KR/KR]; Keukdong-Villa
No. 407, 542, Minrak-Dong, Suy-
oung-Ku, Busan 613-829 (KR). KOO,
Ja-In [KR/KR]; 336-28, Hadae-Dong,
Jinju-Shi, Kyungsangnam-Do 660-997 (KR).
KANG, Seong-Hwan [KR/KR]; 1128, Keun-
meum-Ri, Seolcheon-Myun, Namhae-Kun,
Kyungsangnam-Do 668-891 (KR).

(74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor,
New-Seoul Bldg., 828-8, Yoksam 1-Dong,
Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H04B 1/38

(11) WO 2004/107590 (13) A1

(21) PCT/US2004/009811

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/444,803 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SHARED FUNCTIONAL BLOCK
MULTI-MODE MULTI-BAND COM-
MUNICATION TRANSCIEVERS

• EMETTEURS-RECEPTEURS DE COM-
MUNICATION MULTIMODE ET MUL-
TIBANDE A BLOCS FONCTIONNELS
PARTAGES

(71) SKYWORKS SOLUTIONS, INC.
[US/US]; 5221 California Avenue, Irvine,
CA 92619 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ABDELGANY, MohyEldeen, Fouad
[US/US]; 2 Dandelion, Irvine, CA 92620
(US). LAUB, Dana, Vincent [US/US];
14 Rhoad Island, Irvine, CA 92606 (US).
RAMACHANDRAN, Bala [IN/US]; 296
Knollglen, Irvine, CA 92614 (US).

(74) HORSTEMEYER, Scott, A.; Thomas,
Kayden, Horstemeyer & Risley, LLP, 100
Galleria Pkwy, Suite 1750, Atlanta, GA
30339-5948 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 1/40

(11) WO 2004/107591 (13) A1

(21) PCT/IB2004/000131

- (22) 14 Jan/jan 2004 (14.01.2004)
- (25) en (26) en
- (30) 10/447,777 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • QUAD BAND ANTENNA INTERFACE MODULES INCLUDING MATCHING NETWORK PORTS
- MODULES D'INTERFACE D'ANTENNE A BANDES QUADRUPLES COMPRENANT DES PORTS RESEAU CORRESPONDANTS
- (71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; Nya Vattentornet, S-221 88 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILCOX, Bruce, Emerson [US/US]; 118 Trailview Drive, Cary, NC 27513 (US).
- (74) MYERS BIGEL SIBLEY & SAJOVEC, P.A.; P.o. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 1/40
- (11) WO 2004/107593 (13) A1
- (21) PCT/KR2004/001267
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ko (26) en
- (30) 10-2003-0034423 29 May/mai 2003 KR (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS FOR REDUCING INTER-MODULATION DISTORTION IN A CDMA2000 SYSTEM
- APPAREIL DE REDUCTION DE LA DISTORTION DUE A L'INTERMODULATION DANS UN SYSTEME CDMA 2000
- (71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-cub, Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIM, Ha, Young [KR/KR]; San 136-1 Ami-ri, Bubal-cub, Icheon-si, Gyeonggi-do 467-701 (KR).
- (74) YOON, Jee, Hoong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 1/40
- (11) WO 2004/107592 (13) A1
- (21) PCT/KR2003/001922
- (22) 19 Sep/sep 2003 (19.09.2003)
- (25) ko (26) en
- (30) 10-2003-0035733 3 Jun/juin 2003 KR (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BATTERY PACK OF A MOBILE COMMUNICATION TERMINAL TO BE CAPABLE OF MEASURING QUANTITY OF MOTION AND BODY FAT
- ENSEMBLE DE BATTERIE D'UN TERMINAL DE COMMUNICATION MOBILE CAPABLE DE MESURER LA QUANTITE DE MOUVEMENT ET LE POURCENTAGE D'ADIPOSE
- (71) HEALTHPIA CO., LTD. [KR/KR]; 2-102 Medical Instrument Industry Park, 1720-26 Taejang-dong, Wonju-si, Kangwon-do 220-120 (KR). WIRELESS REPUBLIC GROUP INC. [KR/KR]; 405, Ilgwang Bldg., Seoul Soft Town Center, 1656-2, Seocho-Dong, Seocho-Gu, Seoul 137-070 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Min-Hwa [KR/KR]; 11-105 Hyundai Apt., Apgujeong-Dong, Gangnam-Gu, Seoul 135-110 (KR).
- (74) L & K PATENT FIRM; 701, Daekun Bldg., 822-5, Yeoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 1/40, H04Q 7/20
- (11) WO 2004/107594 (13) A1
- (21) PCT/US2004/015601
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 10/446,244 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WIRELESS NODE MULTIPLE HANDSET CORDLESS TELEPHONE SYSTEM
- SYSTEME DE TELEPHONES SANS CORDON A PLUSIEURS COMBINES ET NOEUD SANS FIL
- (71, 72) LIU, Frank, Kung, Fu [US/US]; 16960 Gale Avenue, City of Industry, CA 91745 (US).
- (74) BROWN, Daniel, R.; P.O. Box 821130, North Richland Hills, TX 76182 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ H04B 1/59, G01S 13/74, H04B 1/10
- (11) WO 2004/107595 (13) A1
- (21) PCT/SG2004/000143
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 200303230-7 27 May/mai 2003 SG (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND APPARATUS FOR AN ENHANCED RFID TAG INTERROGATOR
- PROCEDE ET APPAREIL POUR INTERROGATEUR DE MARQUE RFID AMELIORE
- (71) KENETICS INNOVATIONS PTE LTD [SG/SG]; 2 Tannery Road, Cencon Building #05-01, Singapore 347720 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WONG, Kai, En [SG/SG]; Blk 98 Whampoa Drive, #09-126, Singapore 320098 (SG).
- (74) LAWRENCE Y D HO & ASSOCIATES PTE LTD; 30 Bideford Road, #07-01 Thongsia Building, Singapore 229922 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **H04B 1/707, 1/12**
- (11) **WO 2004/107596** (13) A1
- (21) PCT/EP2004/051014
- (22) **3 Jun/juin 2004 (03.06.2004)**
- (25) en (26) en
- (30) 03137277.5 **3 Jun/juin 2003** CN
(03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **METHOD TO OVERCOME SELF-INTERFERENCE IN A TDD SYSTEM**
- **PROCEDE POUR ELIMINER L'AUTOBROUILLAGE DANS UN SYSTEME TDD**
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAHRENBURG, Stefan** [DE/DE]; Ueserdicken 4, 28832 Achim (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/707**
- (11) **WO 2004/107598** (13) A1
- (21) PCT/EP2004/005344
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 03388041.0 **27 May/mai 2003** EP
(27.05.2003)
- (30) 60/476,335 **6 Jun/juin 2003** US
(06.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **TRIGGERING A PATH SEARCHER**
- **LANCEMENT D'UN MOYEN DE RECHERCHE DE PARCOURS**
- (71) **TELEFONAKTIEBOLAGET L M Ericsson (publ)** [SE/SE]; S-164 83 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REIAL, Andres** [EE/SE]; Sofiaparken 6B, S-222 41 Lund (SE). **LINDOFF, Bengt** [SE/SE]; Morkullevägen 45, S-237 36 Bjärred (SE).
- (74) **ZACCO DENMARK A/S**; Hans Bekkevolds Alle 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51) **H04B 1/707**
- (11) **WO 2004/107597** (13) A1
- (21) PCT/EP2004/005343
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 03388040.2 **27 May/mai 2003** EP
(27.05.2003)
- (30) 60/476,336 **6 Jun/juin 2003** US
(06.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **AVERAGING A DELAY PROFILE IN A LIMITED DELAY RANGE**
- **CALCUL DU PROFIL DE RETARD MOYEN DANS UNE PLAGE DE RETARD LIMITEE**
- (71) **TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)** [SE/SE]; S-164 83 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REIAL, Andres** [EE/SE]; Sofiaparken 6B, S-222 41 Lund (SE).
-
- (74) **ZACCO DENMARK A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/707**
- (11) **WO 2004/107599** (13) A1
- (21) PCT/EP2004/005345
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 03388038.6 **27 May/mai 2003** EP
(27.05.2003)
- (30) 60/476,327 **6 Jun/juin 2003** US
(06.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **POSITIONING A MULTIPATH SEARCH WINDOW**
- **POSITIONNEMENT D'UNE FENETRE DE RECHERCHE DE TRAJETS MULTIPLES**
- (71) **TELEFONAKTIEBOLAGET L M ERICSSON (publ)** [SE/SE]; S-164 83 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REIAL, Andres** [EE/SE]; Sofiaparken 6B, S-222 41 Lund (SE).
- (74) **ZACCO DENMARK A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/707**
- (11) **WO 2004/107600** (13) A1
- (21) PCT/EP2004/005346
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 03388039.4 **27 May/mai 2003** EP
(27.05.2003)
- (30) 60/476.328 **6 Jun/juin 2003** US
(06.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • **SELECTING FINGERS FOR RAKE COMBINING**
- **SELECTION DE DOIGTS POUR COMBINAISON DE RAKE**
- (71) **TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)** [SE/SE]; S-164 83 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REIAL, Andres** [EE/SE]; Sofiaparken 6B, S-221 41 Lund (SE).
- (74) **ZACCO DENMARK A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 1/707

(11) WO 2004/107601 (13) A1

(21) PCT/JP2004/007544

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-150957 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RECEPTION DEVICE AND RECEPTION METHOD
• DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOSHINO, Masayuki ARIMA, Takenobu

(74) WASHIDA, Kimihito; 5th Floor, Shintoshi-center Bldg. 24-1, Tsurumaki-1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 3/54

(11) WO 2004/107602 (13) A1

(21) PCT/EP2004/003026

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 24 373.9 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • POWER SUPPLY VIA DATA LINES IN LOCAL NETWORKS

• ALIMENTATION EN COURANT PAR L'INTERMEDIAIRE DES LIGNES DE DONNEES DANS DES RESEAUX LOCAUX

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEUHAUS, Hans-Jürgen [DE/DE]; Wilhelmshöher Str. 10, 12161 Berlin (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/00

(11) WO 2004/107603 (13) A2

(21) PCT/FR2004/001296

(22) 25 May/mai 2004 (25.05.2004)

(25) fr (26) fr

(30) 03/06448 27 May/mai 2003 FR (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND RADIO BROADCAST TRANSMITTER USING A PRE-FILTERING AND CORRESPONDING SIGNAL

• PROCEDE ET EMETTEUR DE RADIOFFUSION METTANT EN ŒUVRE UN PRE-FILTRAGE, ET SIGNAL CORRESPONDANT.

(71) TELEDIFFUSION DE FRANCE [FR/FR]; 10, rue d'Oradour-sur-Glane, F-75732 Paris Cedex 15 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANOISELEE, Marc [FR/FR]; 5, allée de Coimbra, F-35200 Rennes (FR). LOUIN, Pierrick [FR/FR]; 39, square Fernand Labori, F-35700 Rennes (FR).

(74) BIORET, L.; Cabinet Vidon, 16B, rue de Jouanet, BP 90333, F-35703 Rennes Cedex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/155

(11) WO 2004/107604 (13) A1

(21) PCT/KR2004/001312

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ko (26) en

(30) 10-2003-0035287 2 Jun/juin 2003 KR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR DOWNLOADING AN OPERATING SYSTEM OR AN APPLICATION IN A CDMA SYSTEM

• METHODE ET APPAREIL POUR TELECHARGER UN SYSTEME D'EXPLOITATION OU UNE APPLICATION DANS UN SYSTEME CDMA

(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub Icheon-si, Kyongki-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, Woo Young [KR/KR]; Godam Dormitory 104-105, Godam-dong, Icheon-si Gyeonggi-do 467-140 (KR). BAEK, Moon Seok [KR/KR]; 577 Gwangjang-dong, Gwangjin-gu, Seoul 143-815 (KR).

(74) YOON, Jee Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/107605 (13) A1

(21) PCT/EP2003/005576

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SCHEDULER AND METHOD OF SCHEDULING DATA FOR COMMUNICATION BETWEEN A NODE STATION AND PLURALITY OF RADIO TERMINALS

• PLANIFICATEUR ET PROCEDE DE PLANIFICATION DE DONNEES DESTINEES A LA COMMUNICATION ENTRE UNE STATION DE NOEUD ET PLUSIEURS TERMINAUX RADIO

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NASCIBENE, Andrea [IT/IT]; Via S. Sofia, 2, I-27020 Torre D'Isola (IT). BUSCATO, Massimiliano [IT/IT]; Via Carducci, 15, I-20086 Motta Visconti (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04B 7/26

(11) WO 2004/107606 (13) A1

(21) PCT/GB2004/002307

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312186.0 28 May/mai 2003 GB
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD, BASE STATION AND MOBILE STATION FOR TDD OPERATION IN A COMMUNICATION SYSTEM

- PROCEDE, STATION DE BASE ET STATION MOBILE POUR FONCTIONNEMENT EN MULTIPLEXAGE PAR REPARTITION DANS LE TEMPS (TDD) DANS UN SYSTEME DE COMMUNICATION

(71) IPWIRELESS, INC. [US/US]; 1001 Bayhill Drive, 2nd Floor, San Bruno, CA 94066 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JONES, Alan, Edward [GB/GB]; 21 Petty Lane, Derry Hill, Wiltshire SN11 9QY (GB).

(74) HUDSON, Peter; InetIP, Farringdon House, Kitcombe Lane, Farringdon, Alton, Hampshire GU34 3ND (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04B 7/26

(11) WO 2004/107607 (13) A1

(21) PCT/JP2004/006728

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-148842 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RADIO WAVE RECEIVING APPARATUS

- APPAREIL DE RECEPTION D'ONDES RADIO

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi Osaka, 5708677 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITO, Tsurumi [JP/JP]; 328-6, Kitaimagahuchi, Anpachi-cho, Anpachi-gun Gifu, 5030113 (JP).

(74) JIMBO, Taizo; Tenmapark Bldg. 8F, 14-19, Tenma 4-chome, Kita-ku, Osaka-shi Osaka, 5300043 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/107608 (13) A1

(21) PCT/KR2004/001268

(22) 28 May/mai 2004 (28.05.2004)

(25) ko (26) en

(30) 10-2003-0034802 30 May/mai 2003 KR
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF PROVIDING A HARD HANDOFF BETWEEN MSCS DURING AN ALERTING STATE

- PROCEDE SERVANT A EFFEC-TUER UN TRANSFERT DUR ENTRE

DES CENTRES DE COMMUTATION MOBILES ET PENDANT UN ETAT D'ALERTE

(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEO, Myeong, Seon [KR/KR]; San 136-1 Ami-ri, Bubal-eub, Icheon-si, Gyeonggi-do 467-701 (KR).

(74) YOON, Jee, Hoong; Hannuri Bldg., 219 Nacja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/107609 (13) A1

(21) PCT/KR2004/001273

(22) 28 May/mai 2004 (28.05.2004)

(25) ko (26) en

(30) 10-2003-0034434 29 May/mai 2003 KR
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • POWER CONTROL METHOD FOR A REVERSE DATA SERVICE

- PROCEDE DE COMMANDE DE LA PUISSANCE DESTINE A UN SERVICE DE DONNEES INVERSE

(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIM, Chae, Bong [KR/KR]; San 136-1, Ami-ri Bubal-eub, Icheon-si, Gyeonggi-do 467-701 (KR).

(74) YOON, Jee, Hoong; Hannuri Bldg., 219 Nacja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 10/02, 10/18

(11) WO 2004/107610 (13) A1

(21) PCT/JP2003/016106

(22) 16 Dec/déc 2003 (16.12.2003)

(25) ja (26) ja

(30) 2003-149513 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SIGNAL WAVEFORM DETERIORATION COMPENSATOR

• COMPENSATEUR DE DEGRADATION DE LA FORME D'ONDE D'UN SIGNAL

(71) HITACHI, LTD. [JP/JP]; 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 (JP). HITACHI COMMUNICATION TECHNOLOGIES, LTD. [JP/JP]; 26-3, Minamiohi 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIKUCHI, Nobuhiko [JP/JP]; c/o Central Research Laboratory, Hitachi, Ltd., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). HAYASE, Shigenori [JP/JP]; c/o Central Research Laboratory, Hitachi, Ltd., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).

(74) HIRAKI, Yusuke; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04B 10/04

(11) WO 2004/107611 (13) A1

(21) PCT/JP2004/007983

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ja (26) ja

(30) 2003-156101 2 Jun/juin 2003 JP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LASER DIODE EXTINCTION RATIO CONTROL METHOD AND CIRCUIT, INTEGRATED CIRCUIT, TRANSMITTER, AND COMMUNICATION SYSTEM

• PROCÉDÉ ET CIRCUIT DE RÉGLAGE DU TAUX D'EXTINCTION D'UNE DIODE LASER, CIRCUIT INTÉGRÉ, ÉMETTEUR ET SYSTÈME DE COMMUNICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOMYO, Kazumasa NAGAI, Tet-suya NOJIMA, Kazuhiro

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg. 2F, 8-8, Shinjuku 2-chome, Shinjuku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 15/00

(11) WO 2004/107612 (13) A2

(21) PCT/GB2004/002264

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 0312423.7 29 May/mai 2003 GB (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AN ELECTRICAL DEVICE WITH IMPROVED IMMUNITY TO SELF GENERATED NOISE

• DISPOSITIF ELECTRIQUE A IMMUNITE AMELIOREE AU BRUIT AUTO-GENERE

(71) THE UNIVERSITY OF BRISTOL [GB/GB]; Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRANT, Duncan [GB/GB]; 32 Ridge Hill, Henleaze, Bristol BS9 4SB (GB).

(74) BECK, Simon, Antony et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 15/02

(11) WO 2004/107613 (13) A1

(21) PCT/EP2004/005696

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) 103 26 685.2 3 Jun/juin 2003 DE (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE FOR ABSORBING NOISE

• DISPOSITIF POUR ABSORBER UN BRUISSEMENT

(71) WÜRTH ELEKTRONIK EISOS GMBH & CO. KG [DE/DE]; Max-Eyth-Strasse 1, 74638 Waldenburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONZ, Oliver [DE/DE]; Hans-Müller-Strasse 7, 74532 Ilshofen (DE).

(74) RUFF, WILHELM, BEIER, DAUSTER UND PARTNER; Kronenstrasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 17/00

(11) WO 2004/107614 (13) A1

(21) PCT/KR2004/001266

(22) 28 May/mai 2004 (28.05.2004)

(25) ko (26) en

(30) 10-2003-0034427 29 May/mai 2003 KR (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BASE STATION RECEIVER CAPABLE OF GENERATING PSEUDO NOISE SIGNALS

• RECEPTEUR DE STATION DE BASE DESTINE A GENERER DES SIGNAUX PSEUDO-ALEATOIRES

(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, In, Gon [KR/KR]; San 136-1 Ami-ri, Bubal-eub, Icheon-si, Gyeonggi-do 467-701 (KR).

(74) YOON, Jee, Hoong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04B 17/00
 (11) WO 2004/107615 (13) A1
 (21) PCT/KR2004/001272
 (22) 28 May/mai 2004 (28.05.2004)
 (25) ko (26) en
 (30) 10-2003-0034431 29 May/mai 2003 KR (29.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • METHOD OF AUDITING ALARMS IN A CDMA2000 SYSTEM
 • PROCEDE DE VERIFICATION D'ALARMS DANS UN SYSTEME CCDMA2000
- (71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Heung, Ryong [KR/KR]; Hyundai 5-cha Apt. 504-602, Sadong-ri, Daewol-myeon, Icheon-si, Gyeonggi-do 467-736 (KR).
- (74) YOON, Jee, Hoong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J
 (11) WO 2004/107616 (13) A2
 (21) PCT/US2004/015612
 (22) 18 May/mai 2004 (18.05.2004)
 (25) en (26) en
 (30) 10/444,461 22 May/mai 2003 US (22.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • SYSTEM AND METHOD OF OPTICAL DATA COMMUNICATION WITH MULTIPLE SIMULTANEOUS EMITTERS AND RECEIVERS
 • SYSTEME ET METHODE DE COMMUNICATION DE DONNEES OPTIQUES PRESENTANT PLUSIEURS EMETTEURS ET RECEPTEURS SIMULTANES
- (71) DISNEY ENTERPRISES, INC. [US/US]; 500 South Buena Vista Street, Burbank, CA 91521 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OLCH, Ronald, Howard [US/US]; 17315 Haynes Street, Van Nuys, CA 91406 (US).
- (74) MADDUX, Margo et al. / etc.; Greenberg Traurig LLP, 2450 Colorado Avenue, Suite 400E, Santa Monica, CA 90404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
 (u) for / pour US only / seulement
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- (51)⁷ H04J 3/08
 (11) WO 2004/107617 (13) A2
 (21) PCT/US2004/016352
 (22) 25 May/mai 2004 (25.05.2004)
 (25) en (26) en
 (30) 10/448,169 29 May/mai 2003 US (29.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • OPTICAL RING NETWORK WITH SELECTIVE SIGNAL REGENERATION AND WAVELENGTH CONVERSION
 • RESEAU BOUCLE OPTIQUE A REGENERATION DE SIGNAL ET CONVERSION DE LONGUEUR D'ONDE SELECTIVES
- (71) FUJITSU NETWORK COMMUNICATIONS, INC. [US/US]; 2801 Telecom Parkway, Richardson, TX 75082 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUMASTE, Ashwin, Anil [IN/US]; 800 W. Renner Road, Apt. #1825, Richardson, TX 75082 (US). KINOSHITA, Susumu [JP/US]; 6600 Preston Road, Apt. #1126, Plano, TX 75024 (US).
- (74) SHOWALTER, Barton, E.; Baker Botts LLP, 2001 Ross Ave, Suite 600, Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 3/16, H04H 1/00, H04Q 7/32
 (11) WO 2004/107619 (13) A1
 (21) PCT/IB2004/050782
 (22) 26 May/mai 2004 (26.05.2004)
 (25) en (26) en
 (30) 0312439.3 30 May/mai 2003 GB (30.05.2003)
 (43) 9 Dec/déc 2004 (09.12.2004)
- (22) 24 May/mai 2004 (24.05.2004)
 (25) en (26) en
 (30) 60/472,844 23 May/mai 2003 US (23.05.2003)
 (30) 60/547,975 26 Feb/fév 2004 US (26.02.2004)
 (43) 9 Dec/déc 2004 (09.12.2004)
 (54) • G1TR LIGAND AND G1TR LIGAND-RELATED MOLECULES AND ANTIBODIES AND USES THEREOF
 • LIGAND DU G1TR ET MOLECULES ET ANTICORPS LIES AU LIGAND DU G1TR ET LEURS UTILISATIONS
- (71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US). THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COLLINS, Mary [US/US]; 54 Rathbun Road, Natick, MA 01760 (US). SHEVACH, Ethan, Menahem [US/US]; 5 Defoe Court, Rockville, MD 20850 (US). McHUGH, Rebecca, Suzanne [US/US]; 2D, QBA Apts., 51-75 Webb St., Wellington, NZ 6001 (NZ). WHITTERS, James, Matthew [US/US]; 14 Brenton Wood Road, Hudson, MA 01749 (US). YOUNG, Deborah, Ann [US/US]; 39 Nelson Road, Melrose, MA 02176 (US). BYRNE, Michael, Chapman [US/US]; 34 Hyslop Road, Brookline, MA (US). REDDY, Padmalatha, F. [US/US]; 127 Mylod Street, Walpole, MA 02081 (US). STEPHENS, Geoffrey, Laurence [US/US]; 26051 Ridge Manor Drive, Damascus, MD 20872 (US). CARRENO, Beatriz, M. [US/US]; 37 Nash Road, Acton, MA 01720 (US).
- (74) MANDRA, Raymond, R. et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (54) • BURST TRANSMISSION
• TRANSMISSION PAR RAFALES
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PUPUTTI, Matti [FI/FI]; Uudenmaankatu 21 B 35, FIN-20500 Turku (FI). AURANEN, Tommi [FI/FI]; Kaivokatu 10 B 34, FIN-20520 Turku (FI). LAIHO, Kimmo [FI/FI]; Ojarinne 24, FIN-20810 Turku (FI).
- (74) PIOTROWICZ, Pawel et al. / etc.; Venner Shipley LLP, 20 Little Britain, London EC1A 7DH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ H04J 3/17, H04L 12/00
(11) WO 2004/107621 (13) A1
(21) PCT/SG2003/000268
(22) 14 Nov/nov 2003 (14.11.2003)
(25) en (26) en
(30) 60/474,261 30 May/mai 2003 US (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • UNLIMITED PARTICIPANTS NETWORK
• RESEAU A NOMBRE ILLIMITE DE PARTICIPANTS
- (71) ST TRAINING & SIMULATION PTE LTD [SG/SG]; 24 Ang Mo Kio Street 65, Block D, Level 4, Singapore 569061 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TZIDON, Aviv [IL/IL]; 5 Merkaz Baaly Melacha St., Zip 63823, 63823 Tel Aviv (IL).
- (74) ALBAN TAY MAHTANI & DE SILVA; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ H04J 11/00
(11) WO 2004/107622 (13) A1
(21) PCT/JP2003/016299
(22) 19 Dec/déc 2003 (19.12.2003)
(25) ja (26) ja
(30) 2003-153913 30 May/mai 2003 JP (30.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OFDM SIGNAL RECEIVER APPARATUS AND OFDM SIGNAL RECEIVING METHOD
• APPAREIL RECEPTEUR DE SIGNAL OFDM ET PROCEDE DE RECEPTION DE SIGNAL OFDM
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IDO, Jun [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). ARITA, Eiji [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) YOSHIDA, Shigeaki et al. / etc.; 10th floor, Sumitomo-seimei OBP Plaza Bldg., 4-70, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- (51)⁷ H04J 11/00
(11) WO 2004/107623 (13) A1
(21) PCT/JP2004/007898
(22) 1 Jun/juin 2004 (01.06.2004)
(25) ja (26) ja
(30) 2003-157103 2 Jun/juin 2003 JP (02.06.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • RADIO COMMUNICATION SYSTEM AND RADIO COMMUNICATION METHOD
• SYSTEME DE RADIOCOMMUNICATION ET PROCEDE DE RADIOCOMMUNICATION
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UESUGI, Mitsuru
(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg. 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMP PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H04J 13/00
(11) WO 2004/107624 (13) A1
(21) PCT/CN2004/000561
(22) 28 May/mai 2004 (28.05.2004)
(25) zh (26) zh
(30) 03140550.9 28 May/mai 2003 CN (28.05.2003)
- (54) • BURST TRANSMISSION
• TRANSMISSION PAR RAFALES
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PUPUTTI, Matti [FI/FI]; Uudenmaankatu 21 B 35, FIN-20500 Turku (FI). AURANEN, Tommi [FI/FI]; Kaivokatu 10 B 34, FIN-20520 Turku (FI). LAIHO, Kimmo [FI/FI]; Ojarinne 24, FIN-20810 Turku (FI).
- (74) PIOTROWICZ, Pawel et al. / etc.; Venner Shipley LLP, 20 Little Britain, London EC1A 7DH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ H04J 3/16, 3/22, H04L 12/28, 12/56
(11) WO 2004/107620 (13) A1
(21) PCT/US2004/015181
(22) 13 May/mai 2004 (13.05.2004)
(25) en (26) en
(30) 10/447,782 29 May/mai 2003 US (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • NETWORK SWITCH FOR LINK INTERFACES AND PROCESSING ENGINES
• COMMUTATEUR DE RESEAU POUR INTERFACES DE LIAISON ET MOTEURS DE TRAITEMENT
- (71) HAMMERHEAD SYSTEMS [US/US]; 640 Clyde Court, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) MEDVED, Jan; 7687 Glenbrook Court, Pleasanton, CA 94588 (US). DADNAM, Alex; 47000 Warm Springs Boulevard #354, Fremont, CA 94539 (US). KANAGALA, Sameer; 333 Clifton Avenue, San Carlos, CA 94070 (US). LIAW, Fong; 842 Kim Street, Cupertino, CA 95014 (US). BURNS, John; 1460 Ravenswood Drive, Los Altos, CA 94024 (US). BUMSTEAD, David; 5397 Silver Vista Way, San Jose, CA 95138 (US).
- (74) VAN PELT, Lee; Van Pelt & Yi LLP, Suite 200, 10050 North Foothill Boulevard, Cupertino, CA 95014 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A METHOD AND APPARATUS FOR, MULTI-USER CODE CHANNEL ACTIVATION DETECTION IN WIRELESS COMMUNICATION SYSTEM
- PROCEDE ET APPAREIL DE DETECTION D'ACTIVATION D'UN CANAL DE CODE MULTI-UTILISATEUR DANS UN SYSTEME DE COMMUNICATION SANS FIL
- (71) **DA TANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.** [CN/CN]; No. 40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KANG, Shaoli** [CN/CN]; No. 40 Xue Yuan Road, Haidian District, Beijing 100083 (CN). **CHENG, Lubang** [CN/CN]; No. 40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN). **WANG, Yingmin** [CN/CN]; No. 40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN).
- (74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No. 10 Huayuan-Donglu, Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ **H04J 14/02, H04B 10/08**
- (11) **WO 2004/107625** (13) A1
- (21) PCT/CA2003/001829
- (22) **14 Nov/nov 2003 (14.11.2003)**
- (25) en (26) en
- (30) 2,430,797 **2 Jun/juin 2003 CA (02.06.2003)**
- (30) 10/452,511 **3 Jun/juin 2003 US (03.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND SYSTEM FOR IDENTIFICATION OF CHANNELS IN AN OPTICAL NETWORK
- PROCEDE ET SYSTEME PERMETTANT D'IDENTIFIER DE CANAUX DANS UN RESEAU OPTIQUE
- (71) **TROPIC NETWORKS INC.** [CA/CA]; 135 Michael Cowpland Drive, Kanata, Ontario K2M 2E9 (CA).
- (72) **OBEDA, Paul, David**; 21 Midland Crescent, Apt. #66, Nepean, Ontario K2H 8P6 (CA). **REMEDIOS, Derrick**; 30 Wellfleet Crescent, Nepean, Ontario K2J 2Y2 (CA). **WAN, Ping, Wai**; 31 Cecil Walden Ridge, Kanata, Ontario K2K 3C6 (CA). **KELLY, Colin, Geoffrey**; 1231 Clothier Court, Mantick, Ontario K4M 1C8 (CA).
- (74) **DONNELLY, Victoria**; Tropic Networks Inc., 135 Michael Cowpland Drive, Kanata, Ontario K2M 2E9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ **H04J 14/02, H04B 10/08**
- (11) **WO 2004/107626** (13) A1
- (21) PCT/JP2004/007773
- (22) **28 May/mai 2004 (28.05.2004)**
- (25) ja (26) ja
- (30) 2003-151539 **28 May/mai 2003 JP (28.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTICAL WAVELENGTH MULTIPLEX ACCESS SYSTEM
- SYSTEME D'ACCES PAR MULTIPLEXAGE EN LONGUEUR D'ONDE OPTIQUE
- (71) **NIPPON TELEGRAPH AND TELEPHONE CORPORATION** [JP/JP]; 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 1008116 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAMURA, Hirofuka** [JP/JP]; C/O NTT Intellectual Property Center, 9-11, Midori-cho 3-Chome, Musashino-shi, Tokyo 1808585 (JP). **KANI, Junichi** [JP/JP]; C/O NTT Intellectual Property Center, 9-11, Midori-cho 3-Chome, Musashino-shi, Tokyo 1808585 (JP). **SUZUKI, Hiroo** [JP/JP]; C/O NTT Intellectual Property Center, 9-11, Midori-cho 3-Chome, Musashino-shi, Tokyo 1808585 (JP). **TESHIMA, Mitsuhiro** [JP/JP]; C/O NTT Intellectual Property Center, 9-11, Midori-cho 3-Chome, Musashino-shi, Tokyo 1808585 (JP). **YAMAGUCHI, Ukyo** [JP/JP]; C/O NTT Intellectual Property Center, 9-11, Midori-cho 3-Chome, Musashino-shi, Tokyo 1808585 (JP). **ONISHI, Hidetaka** [JP/JP]; C/O NTT Intellectual Property Center, 9-11, Midori-cho 3-Chome, Musashino-shi, Tokyo 1808585 (JP). **IWATSUKI, Katsumi** [JP/JP]; C/O NTT Intellectual Property Center, 9-11, Midori-cho 3-Chome, Musashino-shi, Tokyo 1808585 (JP).
- (74) **TANI, Yoshikazu**; 6-20, Akasaka 2-chome, Minato-ku, Tokyo 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04J 14/02, H04B 10/08**
- (11) **WO 2004/107628** (13) A1
- (21) PCT/US2003/017201
- (22) **29 May/mai 2003 (29.05.2003)**
- (25) en (26) en

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A LIGHT SOURCE CABLE OF LASING THAT IS WAVELENGTH LOCKED BY AN INJECTED LIGHT SIGNAL
- SOURCE LUMINEUSE A CAPACITE LASER, VERROUILLABLE EN LONGUEUR D'ONDE PAR UN SIGNAL LUMINEUX INJECTE
- (71) NOVERA OPTICS, INC. [US/US]; (a corporation of Delaware), 480 S. California Ave., Ste # 305, Palo Alto, CA 94306-1609 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Chang-Hee [KR/KR]; 110-102 Hanwol Apt., Shinsung-dong, Yusong-gu, Taejon (KR). SORIN, Wayne [US/US]; 79 Cambridge Lane, Mountain View, CA 94040 (US).
- (74) MALLIE, Michael, J.; Blakey, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04J 14/02, H04B 10/08, 10/17
- (11) WO 2004/107629 (13) A2
- (21) PCT/US2004/016321
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 10/448,579 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND SYSTEM FOR DETERMINING GAIN FOR AN OPTICAL SIGNAL
- PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LE GAIN D'UN SIGNAL OPTICAL
- (71) FUJITSU NETWORK COMMUNICATIONS, INC. [US/US]; 2801 Telecom Parkway, Richardson, TX 75082 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TIAN, Cechan [CN/US]; 3948 Burnley Drive, Plano, TX 75025 (US). KINOSHITA, Susumu [JP/US]; 6600 Preston Road, Apt. #1126, Plano, TX 75024 (US).
- (74) SHOWALTER, Barton, E.; Baker Botts LLP, Suite 600, 2001 Ross Avenue, Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L
- (11) WO 2004/107631 (13) A2
- (21) PCT/IB2004/002764
- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) 60/473,501 27 May/mai 2003 US (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • UNIVERSAL PRESENCE INDICATOR AND INSTANT MESSAGING SYSTEM
- SYSTEME UNIVERSEL D'INDICATION DE PRESENCE ET DE MESSAGERIE INSTANTANEE
- (71) GEODESIC INFORMATION SYSTEM LTD. [IN/IN]; B3 Lunic Industries, 6th Cross Road MIDC, Andheri(E) - Mumbai - 400 0935 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KULKARNI, Kiran [IN/IN]; 503 Konark Classic, 85 Hill Road, Bandra West, Mumbai 400 050, Maharashtra (IN). MURTHY, Mahesh [IN/IN]; 1 Gold Mist, 26 Carter Road, Bandra West, Mumbai 400 050, Maharashtra (IN). PANICKER, Vinod [IN/IN]; 701/H2 Riddhi Gardens, Film City Road Malad East, Mumbai 400 097, Maharashtra (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L
- (11) WO 2004/107632 (13) A2
- (21) PCT/US2003/031090
- (22) 1 Oct/oct 2003 (01.10.2003)
- (25) en (26) en
- (30) 10/448,254 29 May/mai 2003 US (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND APPARTUS FOR AUTOMATIC PHY CALIBRATION BASED ON NEGOCIATED LINK SPEED
- PROCEDE ET APPAREIL DE CALIBRAGE PHY AUTOMATIQUE UTILISANT UNE VITESSE DE LIEN NEGOCIEE
- (71) SEAGATE TECHNOLOGY LLC [US/US]; 920 Disk Drive, Scotts Valley, CA 95066 (US).
- (72) WOOD, Robert, B.; 6861 Peppertree Drive, Niwot, CO 80503 (US).
- (74) BUENZOW, Jennifer, M.; Seagate Technology LLC, 1280 Disc Drive, Shakopee, MN 55379 (US).
- (81) CN DE GB KR SG.
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- (11) WO 2004/107633 (13) A2
- (21) PCT/US2004/010498
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 10/446,586 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PREDICTIVE RESERVATION OF A COMMUNICATION LINK FOR A PACKET-BASED REAL-TIME MEDIA SESSION
- RESERVATION PREDICTIVE D'UNE LIAISON DE COMMUNICATION POUR UNE SESSION MEDIA EN TEMPS REEL FONDEE SUR DES PAQUETS
- (63) US 10/446,586 (CON)
28 May/mai 2003 (28.05.2003)
- (71) SPRINT SPECTRUM, L.P. [US/US]; 6391 Sprint Parkway, Overland Park, KS 66251-2100 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EHRSAM, John, D. [US/US]; 5715 W. 78th Terrace, Prairie Village, KS 66208 (US). STEWART, Tony, A. [US/US]; 9111 Beverly Drive, Shawnee Mission, KS 66207 (US). BLINN, Benjamin, P. [US/US]; 2800 W. 51st Terrace, Westwood, KS 66205 (US).
- (74) AARONSON, Lawrence, H.; McDonnell Boehnen Hulbert & Berghoff LLP, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L
- (11) WO 2004/107635 (13) A2
- (21) PCT/US2004/015946
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/472,591 21 May/mai 2003 US
(21.05.2003)
- (30) 60/482,501 25 Jun/juin 2003 US
(25.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • BROADCAST ENCRYPTION USING RSA
- CHIFFREMENT DE DIFFUSION PAR RSA
- (71) DOCOMO COMMUNICATIONS LABORATORIES USA, INC. [US/US]; 181 Metro Drive, Suite 300, San Jose, CA 95110 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GENTRY, Craig, B. [US/US]; 230 Houghton Street, Mountain View, CA 94041 (US). RAMZAN, Zulfikar, Amin [US/US]; 250 Baldwin Ave., #101, San Mateo, CA 94041 (US).
- (74) BERNSTEIN, Frank et al. / etc.; SUGHRUE MION, PLLC, 401 Castro Street, Suite 220, Mountain View, CA 94041-2007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L
- (11) WO 2004/107634 (13) A2
- (21) PCT/US2004/015183
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 10/446,511 28 May/mai 2003 US
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WIDEBAND DOCSIS ON CATV SYSTEMS USING PORT TRUNKING
- DOCSIS LARGE BANDE SUR DES SYSTEMES CATV UTILISANT L'AGREGATION DE LIENS
- (71) TERAYON COMMUNICATION SYSTEMS, INC. [US/US]; 4988 Great America Parkway, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAKIB, Selim, Shlomo [US/US]; 10271 West Acres, Cupertino, CA 95014 (US). LIND, Paul, Allen [US/US]; 258 Waugh Avenue, Santa Cruz, CA 95065 (US). FANFELLE, Robert, James [US/US]; 1077 Chesterton Avenue, Redwood City, CA 94061 (US).
- (74) FISH, Ronald, Craig; Ronald Craig Fish, A Law Corporation, P.O. Box 2258, Morgan Hill, CA 95038 (US).
- (30) 60/513,720 24 Oct/oct 2003 US
(24.10.2003)
- (30) 60/518,506 7 Nov/nov 2003 US
(07.11.2003)
- (30) 10/785,463 24 Feb/fév 2004 US
(24.02.2004)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DERIVING POWER FOR A WIRELESS NETWORK COMPONENT FROM THE POWER SOURCE OF A FLUORESCENT LIGHT
- DERIVATION D'ENERGIE POUR UN COMPOSANT DE RESEAU SANS FIL A PARTIR D'UNE SOURCE D'ENERGIE D'UNE LAMPE FLUORESCENTE
- (71) NXSTEPS COMMUNICATIONS [US/US]; 860 Johnson Ferry Road, Suite 150-300, Atlanta, GA 30324 (US).
- (72) ROACH, Peter, O., Jr.; 1150 Ives Court, Atlanta, GA 30319 (US). ROBERTS, Pierce, J., Jr.; 4920 Sea Watch Drive, Amelia Island, FL 32034 (US). MAYER, Thomas, J.; 511 Gale Court, Wisconsin Dells, WI 53965 (US).
- (74) PAVENTO, Michael, S. et al. / etc.; King & Spalding LLP, 191 Peachtree Street, 45th Floor, Atlanta, GA 30303-1763 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L
- (11) WO 2004/107637 (13) A2
- (21) PCT/US2004/016480
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 60/473,849 27 May/mai 2003 US
(27.05.2003)
- (30) 10/611,312 1 Jul/juil 2003 US
(01.07.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A SYSTEM AND METHOD FOR TRANSFERRING DATA FROM A SOURCE MACHINE TO A TARGET MACHINE
- SYSTEME ET PROCEDE DE TRANSFERT DE DONNEES D'UNE MACHINE SOURCE VERS UNE MACHINE CIBLE
- (71) EMC CORPORATION [US/US]; 2350 West El Camino Real, Mountain View, CA 94040 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) KAST, Robert; 20 Lamington Drive, Succasunna, NJ 07876 (US). GALIPEAU, Kenneth; 33 Mount Pleasant Ave., Rockaway, NJ 07866 (US).

(74) **YI, Susan; Van Pelt & Yi LLP**, 10050 N. Foothill Blvd., Suite 200, Cupertino, CA 95014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) **WO 2004/107638** (13) A2

(21) PCT/US2004/016804

(22) **28 May/mai 2004 (28.05.2004)**

(25) en (26) en

(30) 60/473,755 **28 May/mai 2003 US (28.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPROVED WIRELESS NETWORK CELL CONTROLLER
• CONTROLEUR AMELIORE DE CELLULE DE RESEAU SANS FIL

(71) **SYMBOL TECHNOLOGIES, INC.** [US/US]; One Symbol Plaza, Holtsville, NY 11742 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JAMES, Frank** [US/US]; 825 Quail Hollow Drive, Hollister, CA 95023 (US).
KLEIN, John [US/US]; 220 La Via Azul Court, Morgan Hill, CA 95037 (US).
BEACH, Robert [US/US]; 1840 Middleton Avenue, Los Altos, CA 94204 (US).

(74) **SCHEINFELD, Robert, C. et al.** / etc.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/16

(11) **WO 2004/107639** (13) A1

(21) PCT/JP2003/006604

(22) **27 May/mai 2003 (27.05.2003)**

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RECEIVER AND HYBRID APQ COMMUNICATION SYSTEM

• RECEPTEUR ET SYSTEME DE COMMUNICATION APQ HYBRIDE

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAZAKI, Shunji** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP).
OBUCHI, Kazuhisa [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
YANO, Tetsuya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **SAKAI, Akinori**; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 1/16

(11) **WO 2004/107640** (13) A1

(21) PCT/JP2003/006694

(22) **28 May/mai 2003 (28.05.2003)**

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RE-TRANSMISSION CONTROL METHOD AND COMMUNICATION DEVICE

• METHODE DE CONTROLE DE RE-TRANSMISSION ET DISPOSITIF DE COMMUNICATION

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUMOTO, Wataru** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 1/18, 1/00

(11) **WO 2004/107641** (13) A1

(21) PCT/EP2004/002463

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) en (26) en

(30) 03012445.7 **30 May/mai 2003 EP (30.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD AND RECEIVER FOR BUFFERING DATA EMPLOYING HARQ AND TWO-STAGE RATE

MATCHING ALGORITHM WITH ITERATIVE DECODING

• PROCEDE ET RECEPTEUR PERMETTANT DE METTRE DES DONNEES EN MEMOIRE CACHE, FAISANT APPEL A L'HARQ ET A UN ALGORITHME D'ADAPTATION DU DEBIT A DEUX ETAPES AVEC DECODAGE ITERATIF

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WENGERTER, Christian** [DE/DE]; Bahnhofstr. 10d, 63924 Kleinheubach (DE).
SUZUKI, Hidetoshi [JP/JP]; 6-2-803, Hikarinooka, Yokosuka-shi, Kanagawa 239-0847 (JP).

(74) **KUHL, Dietmar**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/18

(11) **WO 2004/107642** (13) A1

(21) PCT/EP2004/002464

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) en (26) en

(30) 03012444.0 **30 May/mai 2003 EP (30.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD AND RECEIVER FOR BUFFERING DATA EMPLOYING HARQ AND TWO-STAGE RATE MATCHING

• PROCEDE ET RECEPTEUR PERMETTANT DE METTRE DES DONNEES EN MEMOIRE CACHE, FAISANT APPEL A L'ARQ HYBRIDE ET A L'ADAPTATION DU DEBIT A DEUX ETAPES

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WENGERTER, Christian** [DE/DE]; Bahnhofstr. 10d, 63924 Kleinheubach (DE).
SUZUKI, Hidetoshi [JP/JP]; 6-2-803, Hikarinooka, Yokosuka-shi, Kanagawa 239-0847 (JP).

(74) **KUHL, Dietmar**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Anwaltssozietät, Maximilianstrasse 58, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 5/20, 12/28, H04M 11/06
- (11) WO 2004/107643 (13) A1
- (21) PCT/EP2003/005618
- (22) 28 May/mai 2003 (28.05.2003)
- (25) de (26) de
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • LOCAL INTEGRATED DATA AND TELEPHONE NETWORK COMPRISING PHANTOM CIRCUITS
- RESEAU DE DONNEES ET DE TELEPHONIE LOCAL INTEGRE COMPRENANT DES CIRCUITS FANTOMES
- (71) MERTEN GMBH & CO. KG [DE/DE]; Fritz-Kotz-Strasse 8, 51674 Wiehl (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUDOLF, Wilhelm [DE/DE]; Bärbellesweg 9, 72622 Nürtingen (DE). KUHNERT, Jürgen [DE/DE]; Zum Knollen 35, 51702 Bergneustadt (DE). BERGMANN, Jörgen [DE/DE]; Siefener Strasse 40, 51674 Wiehl (DE).
- (74) SELTING, Günther et al. / etc.; Bahnhofsvorplatz 1, Deichmannhaus am Dom, 50667 Köln (DE).
- (81) CN UA US.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM).
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- (51)⁷ H04L 7/02
- (11) WO 2004/107644 (13) A1
- (21) PCT/IB2004/050717
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 03101539.9 27 May/mai 2003 EP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PHASE TRACKING FOR RECEIVED SIGNALS USING ADAPTIVE INTERPOLATION
- SUIVI DE PHASE POUR DES SIGNAUX REÇUS PAR INTERPOLATION ADAPTATIVE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOPPELAAR, Arie, G., C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ H04L 9/00
- (11) WO 2004/107645 (13) A1
- (21) PCT/CN2004/000560
- (22) 28 May/mai 2004 (28.05.2004)
- (25) zh (26) zh
- (30) 03123954.4 29 May/mai 2003 CN (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A METHOD OF UPDATING SHARE KEY
- PROCEDE DE MISE A JOUR D'UNE CLE PARTAGEE
- (71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUANG, Yingxin [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
- (74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No 10 Huayuan-Donglu, Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 9/00
- (11) WO 2004/107647 (13) A1
- (21) PCT/US2003/015709
- (22) 17 May/mai 2003 (17.05.2003)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MECHANISM FOR EVALUATING SECURITY RISKS
- SYSTEME D'EVALUATION DE RISQUES DE SECURITE
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) GOLDFEDER, Aaron; 6571A 5th Ave NE, Seattle, WA 98115 (US). HAWKINS, John; 14140 Batten Road, Duvall, WA 98019 (US). KHORUN, Serge; 16529 NE 36th Ave MM103, Redmond, WA 98052 (US). RAMDATMISIER, Viresh; 105 25th Avenue, Seattle, WA 98122 (US). FARRO, Joe; 15235 108th Place NE, Bothell, WA 98011 (US). FEE, Gregory, Darrell; 500 Wall St. Apt. 1521, Seattle, WA 98121 (US). EPLING, Jeremy; 6529 Latona Avenue NE,

Seattle, WA 98115 (US). **BYBEE, Andrew**; 15715 NE 111th St, Redmond, WA 98052 (US). **XU, Jingyang**; 9539 172nd Ave NE, Redmond, WA 98052 (US). **SCHREINER, Tony**; 18666 Redmond Way Apt. TT 2156, Redmond, WA 98052 (US). **COOL, Jamie**; 10023 177th Ave NE, Redmond, WA 98052 (US).

(74) **DAIGNAULT, Ronald, A.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (n)

Declaration / Déclaration :

(v) for all designations / pour toutes les désignations

(51)⁷ H04L 9/28

(11) WO 2004/107648 (13) A2

(21) PCT/FR2004/001285

(22) 25 May/mai 2004 (25.05.2004)

(25) fr (26) fr

(30) 03/06302 26 May/mai 2003 FR (26.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ACCESS CONTROL MODULE WITH A SECURE DESCRAMBLING KEY
• MODULE DE CONTROLE D'ACCES A CLE DEBROUILLAGE SECURISEE

(71) **INNOVA CARD** [FR/FR]; Z.I. Athélia 2, Avenue Coriandre, F-13600 La Ciotat (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LHERMET, Frank** [FR/FR]; 22, avenue de Bourgogne, F-13600 La Ciotat (FR). **BERNARD, Bruno** [FR/FR]; Quartier des Michels, F-13830 Roquefort La Bedoule (FR). **CORNILLON, Christophe** [FR/FR]; Montée du Château - Enclos de la Vierge, F-13650 Meyrargues (FR).

(74) **RENAUD-GOUD Conseil**; 5, rue de Montigny, F-13100 Aix-En-provence (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 9/32

(11) WO 2004/107649 (13) A1

(21) PCT/CN2004/000526

(22) 24 May/mai 2004 (24.05.2004)

(25) zh (26) zh

(30) 03136354.7 30 May/mai 2003 CN (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A AUTHENTICATION METHOD FOR USERS OF CODE DIVISION MULTIPLE ACCESS SYSTEM ROAMING TO GLOBAL MOBILE COMMUNICATION SYSTEM

• PROCEDE D'AUTHENTIFICATION POUR UTILISATEURS DE SYSTEME D'ACCES MULTIPLE PAR REPARATION DE CODE SE DEPLAÇANT VERS UN SYSTEME GSM

(71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZOU, Fengshao** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No. 10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/24

(11) WO 2004/107650 (13) A1

(21) PCT/CN2003/001162

(22) 31 Dec/déc 2003 (31.12.2003)

(25) zh (26) zh

(30) 03137267.8 2 Jun/juin 2003 CN (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A SYSTEM AND METHOD OF NETWORK AUTHENTICATION, AUTHORIZATION AND ACCOUNTING

• SYSTEME ET PROCEDE D'AUTHENTIFICATION DE RESEAU, D'AUTORISATION ET DE COMPTABILITE

(71) **HUAWEI TECHNOLOGIES CO., LTD** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIAO, Fuyou** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) **UNITALEN ATTORNEYS AT LAW**; WANG, Xueqiang, 7th Floor Scitech Place, No.22 Jian Guo Men Wai Ave., Chaoyang District, Beijing 100004 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/24, 29/06

(11) WO 2004/107651 (13) A1

(21) PCT/EP2003/005654

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD, SYSTEM AND COMPUTER PROGRAM FOR THE SECURED MANAGEMENT OF NETWORK DEVICES

• PROCEDE, SYSTEME ET PROGRAMME INFORMATIQUE PERMETTANT UNE GESTION SECURISEE DE DISPOSITIFS DE RESEAU

(71) **TELECOM ITALIA & C. S.P.A.** [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT). **PIRELLI & C. S.P.A.** [IT/IT]; Via Gaetano Negri, 10, I-20123 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASTALDELLI, Luca** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). **MOREO, Davide** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). **POLANO, Marco** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) **GIANNESI, Pier, Giovanni et al.** / etc.; Pirelli & C. S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ H04L 12/24

(11) WO 2004/107652 (13) A1

(21) PCT/FR2004/050205

(22) 25 May/mai 2004 (25.05.2004)

(25) fr (26) fr

(30) 03 50181 27 May/mai 2003 FR (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR THE MACHINE LEARNING OF FREQUENT CHRONICLES IN AN ALARM LOG FOR THE MONITORING OF DYNAMIC SYSTEMS
• PROCEDE D'APPRENTISSAGE AUTOMATIQUE DE CHRONIQUES FREQUENTES DANS UN JOURNAL D'ALARME POUR LA SUPERVISION DE SYSTEMES DYNAMIQUES

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 PARIS (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOUSSON, Christophe [FR/FR]; 88, rue des Frères Lagadec, F-22300 LANNION (FR). CLEROT, Fabrice [FR/FR]; Le Colven, F-22700 LOUANNEC (FR). FESSANT, Françoise [FR/FR]; 33, rue de Goas an Abat, F-22700 PERROS GUIREC (FR).

(74) POULIN, Gérard; BREVALEX, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/26, H04Q 7/34

(11) WO 2004/107653 (13) A1

(21) PCT/EP2004/005729

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) 103 24 745.9 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND TEST DEVICE FOR DETECTING AN ERROR RATE
• PROCEDE ET APPAREIL DE CONTROLE PERMETTANT DE DETERMINER UN TAUX D'ERREUR

(71) ROHDE & SCHWARZ GMBH & CO. KG [DE/DE]; Mülhdorfstrasse 15, 81671 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEEBACHER, Pirmin [DE/DE]; Asterweg 5, 83022 Rosenheim (DE). BÄDER, Uwe [DE/DE]; Rubensstrasse 11, 85521 Otobrunn (DE). BRAUN, Thomas [DE/DE]; Pilgersheimer Strasse 48, 81543 München (DE).

(74) KÖRFFER, Thomas; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/28, H04Q 7/22, G06F 13/10

(11) WO 2004/107654 (13) A1

(21) PCT/FI2004/000326

(22) 28 May/mai 2004 (28.05.2004)

(25) fi (26) en

(30) 20030817 30 May/mai 2003 FI (30.05.2003)

(30) 20030818 30 May/mai 2003 FI (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WIRELESS AGENT APPLICATION FOR SHORT-DISTANCE CONNECTIONS
• UTILISATION D'UN AGENT SANS FIL POUR DES CONNEXIONS COURTE DISTANCE

(71) BLUEGIGA TECHNOLOGIES OY [FI/FI]; Taivalmäki 11, FI-02200 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAINIO, Teemu [FI/FI]; Jaalaranta 9 B 38, FI-00180 Helsinki (FI). HUHTINIEMI, Pasi [FI/FI]; Tilkkankatu 33 B 38, FI-00300 Helsinki (FI).

(74) HEINÄNEN OY; Annankatu 31-33 C, FI-00100 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 12/28, 12/56, H04Q 7/32

(11) WO 2004/107655 (13) A1

(21) PCT/IB2004/050702

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03101565.4 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ADHOC NETWORK RECONSTRUCTION AFTER RADIO CONTACT LOST WITH MASTER DEVICE
• RECONSTRUCTION D'UN RESEAU AD HOC APRES PERTE DE CONTACT RADIO AVEC LE DISPOSITIF MAITRE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(72, 75) FALCK, Thomas [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE). ESPINA PEREZ, Javier [ES/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE). MAASS, Henning [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE). WEIDENHAUPT, Klaus [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04L 12/28

(11) WO 2004/107656 (13) A1

(21) PCT/JP2004/007284

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-152706 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MOBILE COMMUNICATION DEVICE
CONTAINABLE IN AD HOC NET-
WORK

• DISPOSITIF DE COMMUNICATION
MOBILE POUVANT ETRE CONTENU
DANS UN RESEAU AD HOC

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAKAMOTO, KiyomiIISAKA, At-
sushiYAMASHITA, AtsushiNOMURA,
Noboru

(74) OGASAWARA, Shiro; Daisan-Longev'
Bldg., 3-11, Enokicho, Suita-shi, Osaka
5640053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04L 12/28

(11) WO 2004/107657 (13) A1

(21) PCT/KR2003/001343

(22) 7 Jul/juil 2003 (07.07.2003)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM

• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR];
20, Yoido-Dong, Yongdungpo-Ku, Seoul
150-010 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, Koon-Seok [KR/KR]; Sungwon
Apt. 102-1406, 45-1 Sangnam-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-778 (KR).
BAEK, Seung-Myun [KR/KR]; Lucky
Apt. 12-403, Banlim-dong, Changwon-shi,
Kyungsangnam-do 641-764 (KR). CHOI,
Hwan-Jong [KR/KR]; 909-13 Manduk
3-Dong, Buk-Ku, Busan 616-829 (KR).
KIM, Yong-Tae [KR/KR]; Daedong Apt.
1006-1504, Seokbongmaeul Mukea-ri,
Jangyou-myun, Gimhae-shi, Kyungsang-
nam-do 621-833 (KR). KOO, Feel-Young
[KR/KR]; Keukdong-villa No.407, 542 Min-
rak-dong, Suyoung-ku, Busan 613-829 (KR).
KOO, Ja-In [KR/KR]; 336-28, Hadae-Dong,
Jinju-Shi, Kyungsangnam-Do 660-997 (KR).
KANG, Seong-Hwan [KR/KR]; 1128,
Keumeum-ri, Seolcheon-myun, Namhae-kun,
Kyungsangnam-do 668-891 (KR).

(74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor,
New-Seoul Bldg., 828-8 Yoksam 1-Dong,
Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04L 12/28

(11) WO 2004/107658 (13) A1

(21) PCT/KR2003/001344

(22) 7 Jul/juil 2003 (07.07.2003)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM AND ITS
CONFIGURATION SYSTEM

• SYSTEME DE RESEAU DOMESTIQUE
ET SON SYSTEME DE CONFIGURA-
TION

(71) LG ELECTRONICS, INC. [KR/KR];
20, Yoido-Dong, Yongdungpo-Ku, Seoul
150-010 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, Koon-Seok [KR/KR]; Sungwon
Apt. 102-1406, 45-1 Sangnam-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-778 (KR).
BAEK, Seung-Myun [KR/KR]; Lucky
Apt. 12-403, Banlim-dong, Changwon-shi,
Kyungsangnam-do 641-764 (KR). CHOI,
Hwan-Jong [KR/KR]; 909-13 Manduk
3-Dong, Buk-Ku, Busan 616-829 (KR).
KIM, Yong-Tae [KR/KR]; Daedong Apt.
1006-1504, Seokbongmaeul Mukea-ri,
Jangyou-myun, Gimhae-shi, Kyungsang-
nam-do 621-833 (KR). KOO, Feel-Young
[KR/KR]; Keukdong-villa No. 407, 542 Min-
rak-dong, Suyoung-ku, Busan 613-829 (KR).
KOO, Ja-In [KR/KR]; 336-28, Hadae-Dong,
Jinju-Shi, Kyungsangnam-Do 660-997
(KR). KANG, Seong-Hwan [KR/KR];
1128, Keumeum-ri, Seolcheon-myun,

Namhae-kun, Kyungsangnam-do 668-891
(KR).

(74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor,
New-Seoul Bldg., 828-8 Yoksam 1-Dong,
Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04L 12/28

(11) WO 2004/107659 (13) A1

(21) PCT/KR2003/001345

(22) 7 Jul/juil 2003 (07.07.2003)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM

• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR];
20, Yoido-Dong, Yongdungpo-Ku, Seoul
150-010 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, Koon-Seok [KR/KR]; Sung-
won Apt. 102-1406, 45-1 Sangnam-Dong,
Changwon-Shi, Kyungsangnam-Do 641-778
(KR). BAEK, Seung-Myun [KR/KR];
Lucky Apt. 12-403, Banlim-dong, Chang-
won-shi, Kyungsangnam-do 641-764 (KR).
CHOI, Hwan-Jong [KR/KR]; 909-13,
Manduk 3-dong, Buk-ku, Busan 616-829
(KR). KIM, Yong-Tae [KR/KR]; Daedong
Apt. 1006-1504, Seokbongmaeul Mukea-ri,
Jangyou-myun, Gimhae-shi, Kyungsang-
nam-do 621-833 (KR). KOO, Feel-Young
[KR/KR]; Keukdong-villa No. 407, 542 Min-
rak-dong, Suyoung-ku, Busan 613-829 (KR).
KOO, Ja-In [KR/KR]; 336-28, Hadae-dong,
Jinju-shi, Kyungsangnam-do 660-997 (KR).
KANG, Seong-Hwan [KR/KR]; 1128,
Keumeum-ri, Seolcheon-myun, Namhae-kun,
Kyungsangnam-do 668-891 (KR).

(74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor,
New-Seoul Bldg., 828-8 Yoksam 1-Dong,
Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 12/28
- (11) WO 2004/107660 (13) A1
- (21) PCT/KR2003/001346
- (22) 7 Jul/juil 2003 (07.07.2003)
- (25) ko (26) en
- (30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HOME NETWORK SYSTEM
• SYSTEME DE RESEAU A DOMICILE
- (71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). KOO, Feel-Young [KR/KR]; Keukdong-Villa No. 407, 542 Minrak-dong, Suyoung-ku, Busan 613-829 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Seokbongmaeul Mukka-ri, Jangyou-myun, Gimhae-shi, Kyungsangnam-do 621-833 (KR). CHOI, Hwan-Jong [KR/KR]; 909-13 Manduk 3-dong, Buk-Ku, Busan 616-829 (KR). BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-dong, Changwon-shi, Kyungsangnam-do 641-764 (KR). KOO, Ja-In [KR/KR]; 336-28, Hadae-dong, Jinju-shi, Kyungsangnam-do 660-997 (KR). KANG, Seong-Hwan [KR/KR]; 1128, Keumeum-ri, Seolcheon-myun, Namhae-kun, Kyungsangnam-do 668-891 (KR).
- (74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 12/28, 12/24, 29/06
- (11) WO 2004/107663 (13) A1
- (21) PCT/KR2004/001262
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ko (26) en
- (30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)
- (30) PCT/KR03/01347 7 Jul/juil 2003 KR (07.07.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HOME NETWORK SYSTEM
• SYSTEME DE RESEAU DOMESTIQUE
- (71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyungsangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). CHOI, Hwan-Jong [KR/KR]; 909-13, Manduk 3-Dong, Buk-Ku, Busan 616-829 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Mukka-ri, Jangyou-Myun, Gimhae-Shi, Kyungsangnam-Do 621-833 (KR). KOO, Feel-Young [KR/KR]; Keukdong-Villa No. 407, 542 Minrak-Dong, Suyoung-Ku, Busan 613-829 (KR). KOO, Ja-In [KR/KR]; 336-28, Hadae-Dong, Jinju-Shi, Kyungsangnam-Do 660-997 (KR). KANG, Seong-Hwan [KR/KR]; 1128, Keumeum-ri, Seolcheon-Myun, Namhae-Kun, Kyungsangnam-Do 668-891 (KR).
- (74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8 Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/28, 29/06
- (11) WO 2004/107662 (13) A1
- (21) PCT/KR2004/000103
- (22) 20 Jan/jan 2004 (20.01.2004)
- (25) ko (26) en
- (30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • HOME NETWORK SYSTEM
• SYSTEME DE RESEAU DOMESTIQUE
- (71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyungsangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). CHOI, Hwan-Jong [KR/KR]; 909-13, Manduk 3-Dong, Buk-Ku, Busan 616-829 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Seokbongmaeul, Mukka-ri, Jangyou-Myun, Gimhae-Shi, Kyungsangnam-Do 621-833 (KR). KOO, Feel-Young [KR/KR]; Keukdong-Villa

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/28

(11) WO 2004/107664 (13) A1

(21) PCT/KR2004/001308

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ko (26) en

(30) 10-2003-0035278 2 Jun/juin 2003 KR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • ROUTER FOR SUPPORTING IMA FUNCTION IN A MOBILE COMMUNICATION NETWORK

• ROUTEUR A FONCTION IMA POUR RESEAU MOBILE DE TELECOMMUNICATIONS

- (71) UTStarcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubal-ub Icheon-si, Kyongki-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) KANG, Tay Wook [KR/KR]; San 136-1, Ami-ri, Bubal-ub Icheon-si, Gyeonggi-do 467-701 (KR).

- (74) YOON, Jee Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28

(11) WO 2004/107665 (13) A1

(21) PCT/KR2004/001309

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ko (26) en

(30) 10-2003-0035280 2 Jun/juin 2003 KR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • NIF DEVICE FOR SIGTRAN PROTOCOL

• DISPOSITIF NIF POUR PROTOCOLE SIGTRAN

- (71) UTStarcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubal-ub Icheon-si, Kyongki-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) PARK, Won Sik [KR/KR]; 72-1 Godamdong, Icheon-si, Gyeonggi-do 467-140 (KR).

- (74) YOON, Jee Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28

(11) WO 2004/107666 (13) A1

(21) PCT/KR2004/001311

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ko (26) en

(30) 10-2003-0035286 2 Jun/juin 2003 KR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • AAL0 CELL FORMAT OF AN ATM PROTOCOL FOR COMMUNICATING VOICE TRAFFIC IN A CDMA SYSTEM

• FORMAT CELLULAIRE AAL0 D'UN PROTOCOLE ATM POUR UNE COMMUNICATION DE TRAFIC VOCAL DANS UN SYSTEME CDMA

- (71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-ub Icheon-si, Kyongki-do, Kyongki-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) YANG, Woo Young [KR/KR]; Godam Dormitory 104-105, Godam-dong, Icheon-si, Gyeonggi-do, 467-140 (KR). BAEK, Moon Seok [KR/KR]; 577 Gwangjang-dong, Gwangjin-gu, Seoul, 143-815 (KR).

- (74) YOON, Jee Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu., Seoul 110-053 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28, 12/66

(11) WO 2004/107667 (13) A1

(21) PCT/SE2004/000838

(22) 28 May/mai 2004 (28.05.2004)

(25) sv (26) en

(30) 0301600-3 2 Jun/juin 2003 SE (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MOBILE DATA COMMUNICATION
• TRANSMISSION DE DONNEES

- (71) FÄLT COMMUNICATIONS AB [SE/SE]; Umestans Företagspark, S-903 47 Umeå (SE). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LÅNGSTRÖM, Mikael [SE/SE]; Klövernägen 40, S-903 52 Umeå (SE).

- (74) KURT LAUTMANN'S PATENTBYRÅ AB; Box 245, S-691 25 Karlskoga (SE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28

(11) WO 2004/107668 (13) A2

(21) PCT/US2004/014849

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/446,565 27 May/mai 2003 US (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MULTIPLE MODE SUPPORT IN A WIRELESS LOCAL AREA NETWORK

• SUPPORT MULTIMODE DANS UN RESEAU LOCAL SANS FIL

- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

- (72) STEPHENS, Adrian; 64 Lamb's Lane, Cottenham, Cambridge CB4 8TA (GB).

- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28, G06F 17/30, G11B 27/00, H04L 29/06, H04N 7/173

(11) WO 2004/107669 (13) A1

(21) PCT/US2004/016112

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/447,705 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR THE VISIBILITY OF MEDIA CONTENTS AVAILABLE FROM UPNP MEDIA SERVERS AND FOR INITIATING RENDERING SUCH MEDIA CONTENTS VIA A FILE SYSTEM ON A USER INTERFACE

• PROCEDES ET DISPOSITIFS POUR LA VISIBILITE DE CONTENUS DE MEDIAS DISPONIBLES A PARTIR DE SERVEURS DE MEDIAS UPNP ET POUR AMORCER LE RENDU TEL QUE DES CONTENUS DE MEDIAS VIA UN SYSTEME DE FICHIERS SUR UNE INTERFACE UTILISATEUR

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) WEAST, John; 2697 NW Overlook Drive, #1636, Hillsboro, OR 97124 (US).

(74) AUYEUNG, Aloysius, T., C. et al. / etc.; Schwabe Williamson & Wyatt, Pacwest Center, Suite 1600-1900, 1211 SW 5th Avenue, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/46, 12/40

(11) WO 2004/107670 (13) A1

(21) PCT/AT2004/000189

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) A 844/2003 30 May/mai 2003 AT (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRANSMISSION OF MESSAGES IN A DISTRIBUTED, TEMPORALLY CONTROLLED REAL TIME SYSTEM

• TRANSMISSION DE MESSAGES DANS UN SYSTEME TEMPS REEL TEMPORISE DISTRIBUE

(71) FTS-COMPUTERTECHNIK

GES.M.B.H. [AT/AT]; Föhrenweg 8, A-2500 Baden-Siegenfeld (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOPETZ, Hermann [AT/AT]; Am Bühel 12, A-2500 Baden bei Wien (AT).

(74) MATSCHNIG, Franz; Siebensterngasse 54, A-1071 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/46, G06F 13/00

(11) WO 2004/107671 (13) A1

(21) PCT/JP2003/006609

(22) 27 May/mai 2003 (27.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMMUNICATION DEVICE

• DISPOSITIF DE COMMUNICATION

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ODA, Sotaro [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakatakimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP). KITADA, Atsushi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) JP US.

(51)⁷ H04L 12/56, H04Q 7/32, H04L 29/06

(11) WO 2004/107672 (13) A1

(21) PCT/EP2004/003744

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03012613.0 3 Jun/juin 2003 EP (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • APPARATUS, METHOD AND SOFTWARE PROGRAM PRODUCT FOR

QUALITY-OF-SERVICE MANAGEMENT IN A MOBILE DEVICE

• APPAREIL, PROCEDE ET PRODUIT LOGICIEL DE GESTION DE QUALITE DE SERVICE DANS UN DISPOSITIF MOBILE

(71) FG MICROTEC GMBH [DE/DE]; Kronstadter Strasse 9, 81677 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELZ, Thomas [DE/DE]; Heidesteig 6, 16767 Gernsdorf (DE). MIRBAHA, Vahid, Robert [DE/DE]; Obere Hauptstr. 22, 85386 Eching (DE).

(74) KÖLLNER, Malte; Köllner & Partner, Kennedyallee 109, 60596 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, G06F 9/46

(11) WO 2004/107673 (13) A1

(21) PCT/EP2004/004263

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03368047.1 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR DEFINING AN ALTERNATE CHANNEL ROUTING MECHANISM IN A MESSAGING MIDDLEWARE ENVIRONMENT

• SYSTEME SERVANT A DEFINIR UN MECANISME DE ROUTAGE FAISANT APPEL A UNE VOIE DIFFERENTE DANS UN ENVIRONNEMENT DE MESSAGERIE A INTERGICIEL

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) COMPAGNIE IBM FRANCE [FR/FR]; Tour Descartes, La Défense 5, 2, avenue Gambetta, F-92400 Courbevoie (FR).

(only for / seulement pour MC)

(72, 75) BENARD, Patrick [FR/FR]; Les Agaves 1, 14, avenue du Docteur Donat, F-06800 Cagnes sur Mer (FR). FAVRE, Philippe [FR/FR]; Genets 5, Hameaux du Soleil, F-06270 Villeneuve Loubet (FR).

(74) DE PENA, Alain; Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 12/56, 29/06

(11) WO 2004/107674 (13) A1

(21) PCT/EP2004/050948

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) 103 24 603.7 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD FOR RELAYING IP-PACKETS TO AN EXTERNAL CONTROL COMPONENT OF A NETWORK NODE
• PROCEDE DE RETRANSMISSION DE PAQUETS IP SUR UN COMPOSANT DE COMMANDE EXTERNE D'UN NOEUD DE RESEAU

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGMANN, Johannes [DE/DE]; Am Weidenbach 9, 82347 Bernried (DE). SCHMITT, Anton [DE/DE]; Steinröschenstr. 6, 85591 Vaterstetten (DE). WINKLER, Christian [DE/DE]; Jakob-Klar-Str. 5, 80796 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/107675 (13) A2

(21) PCT/EP2004/050950

(22) 27 May/mai 2004 (27.05.2004)

(25) de (26) de

(30) 103 24 604.5 30 May/mai 2003 DE (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD FOR ROUTING IP-PACKETS TO AN EXTERNAL CONTROL COMPONENT OF A NETWORK NODE IN AN IP-PACKET SWITCHING COMMUNICATIONS NETWORK COMPRISING SEVERAL NETWORK NODES

• PROCEDE POUR TRANSMETTRE DES PAQUETS IP A UNE COMPOSANTE DE COMMANDE EXTERNE D'UN NOEUD RESEAU DANS UN RESEAU DE COMMUNICATION DE TRANSMISSION DE PAQUETS IP PRESENTANT PLUSIEURS NOEUDS RESEAU

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGMANN, Johannes [DE/DE]; Am Weidenbach 9, 82347 Bernried (DE). SCHMITT, Anton [DE/DE]; Steinröschenstr. 6, 85591 Vaterstetten (DE). WINKLER, Christian [DE/DE]; Jakob-Klar-Str. 5, 80796 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/107676 (13) A1

(21) PCT/EP2004/050953

(22) 28 May/mai 2004 (28.05.2004)

(25) de (26) de

(30) 103 24 370.4 28 May/mai 2003 DE (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • NETWORK NODE OF A PACKET SWITCHING COMMUNICATIONS NETWORK AND METHOD FOR THE DISTRIBUTION OF DATA TRAFFIC IN A PACKET SWITCHING COMMUNICATIONS NETWORK

• NOEUD RESEAU D'UN RESEAU DE COMMUNICATION A COMMUTATION DE PAQUETS ET PROCEDE DE DISTRIBUTION DU TRAFIC DE DONNEES DANS UN RESEAU DE COMMUNICATION A COMMUTATION DE PAQUETS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHARZINSKI, Joachim [DE/DE]; Groschenweg 49, 81825 München (DE).

KIRSTÄDTER, Andreas [DE/DE]; Raiffeisenstr. 6, 85560 Ebersberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, 29/06

(11) WO 2004/107677 (13) A1

(21) PCT/EP2004/050971

(22) 1 Jun/juin 2004 (01.06.2004)

(25) de (26) de

(30) 103 25 016.6 3 Jun/juin 2003 DE (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD FOR DISTRIBUTING TRAFFIC USING HASH-CODES CORRESPONDING TO A DESIRED TRAFFIC DISTRIBUTION IN A PACKET-ORIENTED NETWORK COMPRISING MULTIPATH ROUTING

• PROCEDE DE REPARTITION DU TRAFIC AU MOYEN DE CODES DE HACHAGE CORRESPONDANT A UNE REPARTITION DU TRAFIC THEORIQUE DANS UN RESEAU A COMMUTATION PAR PAQUETS AVEC ACHEMINEMENT MULTIVOIE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHOLLMEIER, Gero [DE/DE]; Frühlingstr. 14, 82131 Gauting (DE). WINKLER, Christian [DE/DE]; Jakob-Klar-Str. 5, 80796 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/56

(11) WO 2004/107678 (13) A2

(21) PCT/GB2004/002201

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312197.7 28 May/mai 2003 GB
(28.05.2003)(30) 60/518,327 10 Nov/nov 2003 US
(10.11.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMMUNICATIONS SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE COMMUNICATION

(71) ARTIMI LTD [GB/GB]; Mount Pleasant House, 2 Mount Pleasant, Huntingdon Road, Cambridge, Cambridgeshire CB3 0RN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAKER, David [GB/GB]; c/o Artimi Ltd, Mount Pleasant House, 2 Mount Pleasant, Huntingdon Road, Cambridge, Cambridgeshire CB3 0RN (GB). MOORE, Mark, Justin [GB/GB]; c/o Artimi Ltd, Mount Pleasant House, 2 Mount Pleasant, Huntingdon Road, Cambridge, Cambridgeshire CB3 0RN (GB).

(74) MARTIN, Philip, John; Marks & Clerk, 66/68 Hills Road, Cambridge CB2 1LA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/107679 (13) A2

(21) PCT/GB2004/002321

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 0312674.5 3 Jun/juin 2003 GB
(03.06.2003)(30) 0402917.9 10 Feb/fév 2004 GB
(10.02.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR WIRELESS MESH NETWORKING

• SYSTEME ET PROCEDE POUR RESEAU MAILLE SANS FIL

(71) SENTEC LIMITED [GB/GB]; Brunswick House, 61-69 Newmarket Road, Cambridge CB5 8EG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENSOR, Tim [GB/GB]; 139a Victoria Road, Cambridge CB4 3BS (GB). STORKEY, Matthew [GB/GB]; 166 Foster

Road, Trumpington, Cambridge CB2 2JP (GB). SHAKESPEARE, Simon [GB/GB]; 1 Weavers Field, Girton, Cambridge CB3 0XB (GB). COLBY, Edward [GB/GB]; 45 Argyle Street, Cambridge CB1 3LR (GB).

(74) HILL, Justin, John; McDermott, Will & Emery, 7 Bishopsgate, London EC2N 3AR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/107680 (13) A2

(21) PCT/IB2004/001720

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03012047.1 28 May/mai 2003 EP
(28.05.2003)(30) 10/713,430 17 Nov/nov 2003 US
(17.11.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR ENHANCING FAIRNESS AND PERFORMANCE IN A MULTI-HOP AD HOC NETWORK AND CORRESPONDING SYSTEM

• PROCEDE PERMETTANT D'AMELIORER L'EQUITE ET LA PERFORMANCE DANS UN RESEAU AD HOC MULTI-SAUT ET SYSTEME CORRESPONDANT

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WU, Haitao [CN/CN]; Laboratory, Beijing University of Posts, and Telecomms, 206#, Beijing 100876 (CN). SUN, Liang [CN/CN]; Beijing University of Posts and Telecomms, Beijing 100876 (CN). CHENG, Shiduan [CN/CN]; 21 Jing tu Si, Apartment 1003 Hai Dian, district, Beijing 100044 (CN). MA, Jian J. [CN/CN]; Capital Paradise 3361, Beijing 101300 (CN).

(74) LESON, Thomas, Johannes, Al; TBK-Patent, Bavariaring 4-6, 80336 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, 12/28, 29/06

(11) WO 2004/107681 (13) A1

(21) PCT/IB2004/050701

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03101563.9 28 May/mai 2003 EP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • UPNP TERMINAL FOR AD HOC WIRELESS NETWORKS

• TERMINAL UPNP POUR RESEAUX SANS FIL AD HOC

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(72, 75) WEIDENHAUPT, Klaus [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). SANCHEZ SANCHEZ, David [ES/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). FALCK, Thomas [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). MAASS, Henning [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) H04L 12/56

(11) WO 2004/107682 (13) A1

(21) PCT/JP2003/006770

(22) 29 May/mai 2003 (29.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • NETWORK CONTROL PROGRAM, NETWORK CONTROL DEVICE, AND NETWORK CONTROL METHOD
• PROGRAMME, DISPOSITIF ET PROCEDE DE COMMANDE DE RESEAU
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YASUIE, Takeshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NOMURA, Yuji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUKUDA, Kenichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP US.
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- (51)⁷ H04L 12/56
(11) WO 2004/107683 (13) A1
(21) PCT/JP2004/007470
(22) 25 May/mai 2004 (25.05.2004)
(25) ja (26) ja
(30) 2003-152156 29 May/mai 2003 JP (29.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • PACKET RELAY DEVICE, PACKET RELAY METHOD, AND PROGRAM
• DISPOSITIF, PROCEDE ET PROGRAMME DE RELAIS DE PAQUETS
- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAMIYA, Satoshi [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).
- (74) MATSUMOTO, Masao; 36-10, Nishi-Ikebukuro 2-chome, Toshima-ku, Tokyo 1710021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/56
(11) WO 2004/107684 (13) A1
(21) PCT/US2004/014739
(22) 12 May/mai 2004 (12.05.2004)
(25) en (26) en
- (30) 10/447,492 28 May/mai 2003 US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND SYSTEM FOR MAINTENANCE OF PACKET ORDER USING CACHING
• PROCEDE ET SYSTEME PERMETTANT DE PRESERVER L'ORDRE DES PAQUETS PAR LA MISE EN MEMOIRE CACHE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) KUMAR, Alok; 2250 Monroe Street, #176, Santa Clara, CA 95050 (US). YAVATKAR, Raj; 17134 NW Country Ridge Drive, Hillsboro, OR 97229 (US).
- (74) MALLIE, Michael, J.; Blakely Sokoloff Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/56
(11) WO 2004/107685 (13) A1
(21) PCT/US2004/014808
(22) 12 May/mai 2004 (12.05.2004)
(25) en (26) en
(30) 10/447,500 28 May/mai 2003 US (28.05.2003)
(43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND SYSTEM FOR MAINTAINING PARTIAL ORDER OF PACKETS
• PROCEDE ET SYSTEME DE CONSERVATION DE PAQUETS EN ORDRE PARTIEL
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) KUMAR, Alok; 2250 Monroe Street #176, Santa Clara, CA 95050 (US). HARDEKOPF, Benjamin; 5008 Placid Place, Austin, TX 78731 (US). YAVATKAR, Raj; 17134 NW Country Ridge Drive, Hillsboro, OR 97229 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman LLP, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/58, 29/06
(11) WO 2004/107687 (13) A1
(21) PCT/CH2004/000329
(22) 1 Jun/juin 2004 (01.06.2004)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)

- (25) en (26) en
- (30) PCT/CH03/00341 **30 May/mai 2003** CH
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SYSTEM AND METHOD FOR SECURE COMMUNICATION
• SYSTEME ET PROCEDE DE COMMUNICATION SECURISEE
- (63) US PCT/CH03/00341 (CIP)
30 May/mai 2003 (30.05.2003)
- (71) PRIVASPHERE GMBH [CH/CH]; Weinmangasse 114, CH-8700 Küsnacht (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAUSER, Ralf [CH/CH]; Bürglistrasse 23, CH-8002 Zürich (CH).
- (74) VOGEL, Dany; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H04L 12/58
- (11) WO 2004/107689 (13) A1
- (21) PCT/GB2004/002044
- (22) 11 May/mai 2004 (11.05.2004)
- (25) en (26) en
- (30) 10/447,840 **29 May/mai 2003** US
(29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND APPARATUS FOR MANAGING MESSAGES SENT DURING A MESSAGING SESSION
• PROCEDE ET APPAREIL POUR GERER LES MESSAGES ENVOYES LORS D'UNE SEANCE DE MESSAGERIE
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72, 75) JONES, Corradino [US/US]; 2804 Winding Shore Lane, Pflugerville, Texas 78660 (US). VAIDYANATHAN, Basu [US/US]; 10436 Ember Glen Drive, Austin, Texas 78726 (US).
- (74) MATHER, Belinda, Jane; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 12/58, H04Q 7/22
- (11) WO 2004/107688 (13) A1
- (21) PCT/EP2004/050874
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 03138197.9 **29 May/mai 2003** CN
(29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND SYSTEM FOR MULTIMEDIA MESSAGE SERVICE COMMUNICATION
• PROCEDE ET SYSTEME DE COMMUNICATION DE SERVICES DE MESSAGE MULTIMEDIA
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72, 75) LIN, Hong [CN/CN]; 3d building Yangguan, Xiaoying west street, Beijing 100085 (CN). SONG, Song [CN/CN]; No 143, East 9 Building, Northern Jiaotong University, Beijing 100044 (CN). SUN, Pei [CN/CN]; Room 403# Building 30#, Yangguang Nanli, QingHe, Haidian District, Beijing 100085 (CN). SHEN, Jun [CN/CN]; Room 2-801, Building 27, 5th Block, Tian Tong Yuan, Chang Ping District, Beijing 102209 (CN).
- (51)⁷ H04L 25/02, H04J 11/00
- (11) WO 2004/107690 (13) A1
- (21) PCT/SG2004/000155
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 10/449,992 **30 May/mai 2003** US
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR REDUCING CHANNEL ESTIMATION ERROR IN AN OFDM SYSTEM
• PROCEDE DE REDUCTION DE L'ERREUR D'ESTIMATION DE CANAL DANS UN SYSTEME OFDM
- (71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way, #07-01 Centros, Singapore 138668 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Zhongjun [CN/SG]; Blk 284, 3 Choa Chu Kang Ave 3, #05-336, Singapore 680284 (SG). YEO, Lee, Guek [SG/SG]; Blk 298A, #11-184 Compassvale Street, Singapore 541298 (SG). GAN, Xiaodan [SG/SG]; 1001 Bukit Timah Road, #09-12, Singapore 596288 (SG).
- (74) VIERING, JENTSCHURA & PARTNER; P.O. Box 1088, Rochor Post Office, Rochor Road, Singapore 911833 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 25/02
- (11) WO 2004/107691 (13) A1
- (21) PCT/US2004/015713
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 10/444,337 **23 May/mai 2003** US
(23.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CHANNEL ESTIMATION FOR FREQUENCY SELECTIVE MULTIPATH CHANNELS WITH LONG DELAY SPREADS
• ESTIMATION DE CANAUX POUR DES CANAUX MULTITRAJECTOIRES SELECTIFS DE FREQUENCE PRESENTANT UN LONG DEFILEMENT DE TEMPS DE PROPAGATION
- (71) ZENITH ELECTRONICS CORPORATION [US/US]; 2000 Millbrook Drive, Lincolnshire, IL 60069 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OZEN, Serdar** [TR/US]; 174 Hemingway Court, Vernon Hills, IL 60061 (US).

(74) **JOIKE, Trevor, B.**; SchiffHardin LLP, 6600 Sears Tower, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H04L 25/08, 25/06

(11) WO 2004/107692 (13) A1

(21) PCT/US2004/012017

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/444,310 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HIGH-SPEED SERIAL LINK RECEIVER WITH CENTRALLY CONTROLLED OFFSET CANCELLATION

• RÉCEPTEUR DE LIAISON SÉRIE GRANDE VITESSE À SUPPRESSION DE DÉCALAGE PAR COMMANDE CENTRALE

(71) **INTEL CORPORATION (a Delaware Corporation)** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **WEI, Fangxing**; 1372 East Oakland Street, Gilbert, AZ 85296 (US). **MAHMUD, Arif**; 784 East Gemini Place, Chandler, AZ 85249 (US).

(74) **STEFFEY, Charles, E. et al. / etc.**; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 25/52, H04B 7/14, H04Q 7/32

(11) WO 2004/107693 (13) A1

(21) PCT/SE2004/000825

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,450 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR WIRELESS COMMUNICATION NETWORKS USING RELAYING

• PROCÉDE ET SYSTÈME DESTINÉS A DES RESEAUX DE COMMUNICATION SANS FIL UTILISANT DES RELAIS

(71) **TELEFONAKTIEBOLAGET LM Ericsson (publ)** [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Peter** [SE/SE]; Ballongatan 2, S-169 71 Solna (SE).

(74) **DR LUDWIG BRANN PATENTBYRÅ AB**; Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 25/52, H04B 7/14, H04Q 7/32

(11) WO 2004/107694 (13) A1

(21) PCT/SE2004/000826

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,450 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND ARCHITECTURE FOR WIRELESS COMMUNICATION NETWORKS USING COOPERATIVE RELAYING

• PROCÉDE ET ARCHITECTURE POUR RESEAUX DE COMMUNICATION SANS FIL BASES SUR LE RELAIS COOPÉRATIF

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Peter** [—/SE]; Ballongatan 2, S-169 71 Solna (SE).

(74) **DR LUDWIG BRANN PATENTBYRÅ AB**; Box 171 92, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 27/00, H04B 7/26, H04L 1/00

(11) WO 2004/107695 (13) A1

(21) PCT/JP2004/007190

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-149114 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DATA COMMUNICATION DEVICE SELECTING MODULATION METHOD WITH AN APPROPRIATE THRESHOLD VALUE IN ADAPTIVE MODULATION

• DISPOSITIF DE COMMUNICATION DE DONNEES CHOISSANT UN PROCÉDE DE MODULATION A VALEUR SEUIL APPROPRIÉE EN MODULATION ADAPTATIVE

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIDA, Masaya** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).

(74) **MIYAZAKI, Teruo et al. / etc.**; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 27/20

(11) WO 2004/107696 (13) A1

(21) PCT/US2004/016319

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 10/447,933 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS TO ENHANCE AUDIO QUALITY FOR DIGITIZED VOICE TRANSMITTED OVER A CHANNEL EMPLOYING FREQUENCY DIVERSITY

• PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LA QUALITE AUDIO D'UNE VOIX NUMERISEE TRANSMISE PAR L'INTERMEDIAIRE D'UN CANAL UTILISANT LA DIVERSITE DE FREQUENCE

(71) MOTOROLA, INC., a corporation of the State of Delaware [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAINBOLT, Bradley, J. [US/US]; 1397 NW 126th Way, Sunrise, Florida 33323 (US).

(74) GARRETT, Scott, M. et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Plantation, Florida 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 27/36

(11) WO 2004/107697 (13) A1

(21) PCT/IB2004/001753

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,495 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR ESTIMATING I/Q IMBALANCE

• PROCEDE ET DISPOSITIF D'EVALUATION DU DESEQUILIBRE ENTRE LES VOIES EN PHASE ET EN QUADRATURE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10510-8001 (US).

(only for / seulement pour AE)

(72, 75) ZHENG, Yifeng [CN/US]; 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o LESTER, Shannon, 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04L 29/02, G06F 13/14

(11) WO 2004/107698 (13) A1

(21) PCT/JP2003/006697

(22) 28 May/mai 2003 (28.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROGRAMMABLE CONTROLLER

• CONTROLEUR PROGRAMMABLE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUKATSU, Noriyasu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) DE GB IL JP KR US.

(51)⁷ H04L 29/02, 29/08

(11) WO 2004/107699 (13) A1

(21) PCT/JP2003/006815

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLOW CONTROL DEVICE

• DISPOSITIF DE CONTROLE DE FLUX

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NOGUCHI, Tsutomu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) MOIZUMI, Shuji; 25-27-809, Takanawa 3-chome, Minato-ku, Tokyo 108-0074 (JP).

(81) JP US.

(51)⁷ H04L 29/06, 12/22, 12/58

(11) WO 2004/107700 (13) A1

(21) PCT/CH2003/000341

(22) 30 May/mai 2003 (30.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR SECURE COMMUNICATION

• SYSTEME ET PROCEDE DESTINES A DES COMMUNICATIONS SURES

(71) PRIVASPHERE GMBH [CH/CH]; Weimanngasse 114, CH-8700 Küsnacht (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAUSER, Ralf [CH/CH]; Bürglistrasse 23, CH-8002 Zürich (CH).

(74) CLERC, Natalia; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, 29/08

(11) WO 2004/107701 (13) A1

(21) PCT/EP2003/005539

(22) 27 May/mai 2003 (27.05.2003)

(25) de (26) de

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR TRANSMITTING VOICE-FREQUENCY INFORMATION BETWEEN TWO SUBSCRIBERS

• PROCEDE ET SYSTEME DE TRANSMISSION DE DONNES VOCALES ENTRE DEUX ABONNES

(71) HANS WULFF, VOLKER KANITZ, ALIREZA ASSADI GBR [DE/DE]; Dillenburgstrasse 23, 60439 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WULFF, Hans [DE/DE]; Dillenburgstrasse 23, 60439 Frankfurt am Main (DE). KANITZ, Volker [DE/DE]; Dillenburgstrasse 23, 60439 Frankfurt am Main (DE). ASSADI, Alireza [DE/DE]; Dillenburgstrasse 23, 60439 Frankfurt am Main (DE).

(74) REICHEL, Wolfgang et al. / etc.; Reichel und Reichel, Parkstrasse 13, 60322 Frankfurt am Main (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 2004/107702 (13) A1

(21) PCT/EP2004/050342

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 0312681.0 3 Jun/juin 2003 GB (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IP MOBILITY

• MOBILITE IP

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-16483 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIKANDER, Pekka [FI/FI]; C/o OY LM Ericsson AB, FIN-02402 Jorvas (FI). ARKKO, Jari [FI/FI]; Kauppalaantie 25 A 7, FIN-02700 Kauniainen (FI).

(74) LIND, Robert et al. / etc.; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford Oxfordshire OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, G06F 1/00

(11) WO 2004/107703 (13) A1

(21) PCT/EP2004/005750

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/447,680 28 May/mai 2003 US (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS FOR ROLE BASED AUTHORIZATION DATA MODEL

• PROCEDES D'AUTORISATION FONDES SUR LES ROLES UTILES POUR ACCEDER A DES DONNEES

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurotstrasse 16, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUCHHOLZ, Cristina [RO/DE]; Hans-Hohlbein-Strasse 1, 69190 Walldorf (DE). BUCHHOLZ, Frank [DE/DE]; Metzgarten 11, 69168 Wiesloch (DE).

(74) ROCKE, Carsten; Müller-Boré & Partner, Grafing Strasse 2, 81671 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 29/06

(11) WO 2004/107704 (13) A2

(21) PCT/FR2004/001136

(22) 10 May/mai 2004 (10.05.2004)

(25) fr (26) fr

(30) 03/06441 27 May/mai 2003 FR (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR CONTROLLING THE ILLEGAL CIRCULATION OF PROTECTED WORKS IN A DIGITAL DATA TRANSMISSION NETWORK

• PROCEDE ET SYSTEME POUR LUTTER CONTRE LA DIFFUSION ILLEGALE D'ŒUVRES PROTEGEES DANS

UN RESEAU DE TRANSMISSION DE DONNEES NUMERIQUES

(71) CO-PEER-RIGHT AGENCY [FR/FR]; 52, Boulevard de Sébastopol, F-75003 Paris (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MICHENAUD, Stéphane [FR/FR]; 1, rue Jules Verne, F-92800 Putaux (FR). PETIT, Eric [FR/FR]; 96, place André Malraux, F-78800 Houilles (FR). ROYER, Jean-Hugues [FR/FR]; 26, rue de Ménilmontant, F-75020 Paris (FR).

(74) DE ROQUEMAUREL, Bruno et al. / etc.; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois-Perret Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 2004/107705 (13) A1

(21) PCT/FR2004/001229

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06167 22 May/mai 2003 FR (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTEXT MANAGEMENT SYSTEM FOR A NETWORK COMPRISING A HETEROGENEOUS GROUP OF TERMINALS

• SYSTÈME DE GESTION DE CONTEXTE POUR UN RÉSEAU COMPRENANT UN ENSEMBLE HÉTÉROGÈNE DE TERMINAUX

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAUGUET, Anthony [FR/FR]; Le Haut Pavé, F-14260 Saint-Pierre Du Fresne (FR). VO VIET, Anh [FR/FR]; 126, rue d'Estienne d'Orves, F-91370 Verrières-Le-Buisson (FR). LE CORRE, Hervé [FR/FR]; 26, rue du 4e Dorset, F-14930 Eterville (FR). BEZIAU, Christophe [FR/FR]; 7, promenade du Fort, F-14000 Caen (FR).

(74) JOLY, Jean-Jacques et al. / etc.; 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 29/06, G06F 1/00

(11) WO 2004/107706 (13) A1

(21) PCT/IB2003/005328

(22) 20 Nov/nov 2003 (20.11.2003)

(25) en (26) en

(30) 03405393.4 30 May/mai 2003 EP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DETECTING NETWORK ATTACKS
• DETECTION D'ATTAQUES DIRIGÉES CONTRE UN RESEAU

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIORDAN, James, F. [US/CH]; Alte Landstrasse 50, CH-8803 Rueschlikon (CH).

(74) KLETT, Peter, M.; International Business Machines Corporation, Saumerstrasse 4 / Postfach, CH-8803 Rueschlikon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, 12/14

(11) WO 2004/107707 (13) A1

(21) PCT/IB2003/005453

(22) 24 Nov/nov 2003 (24.11.2003)

(25) en (26) en

(30) 03405393.4 30 May/mai 2003 EP (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • NETWORK ATTACK SIGNATURE GENERATION
• GENERATION DE SIGNATURES D'ATTAQUES DIRIGÉES CONTRE UN RESEAU

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JULISCH, Klaus [DE/CH]; Neudorfstrasse 43, CH-8810 Horgen (CH). RIORDAN, James, F. [US/CH]; Alte Landstrasse 50, CH-8803 Rueschlikon (CH).

(74) KLETT, Peter, M.; International Business Machines Corporation, Saumerstrasse 4 / Postfach, CH-8803 Rueschlikon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, 29/12, 12/40

(11) WO 2004/107708 (13) A1

(21) PCT/KR2004/000104

(22) 20 Jan/jan 2004 (20.01.2004)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM
• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyungsangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). CHOI, Hwan-Jong [KR/KR]; 909-13, Manduk 3-Dong, Buk-Ku, Busan 616-829 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Seokbongmacul, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyungsangnam-Do 621-833 (KR). KOO, Feel-Young [KR/KR]; Keukdong-Villa No. 407, 542, Minrak-Dong, Suyoung-Ku, Busan 613-829 (KR). KOO, Ja-In [KR/KR]; 336-28, Hadae-Dong, Jinju-Shi, Kyungsangnam-Do 660-997 (KR). KANG, Seong-Hwan [KR/KR]; 1128, Keunmeum-Ri, Seolcheon-Myun, Namhae-Kun, Kyungsangnam-Do 668-891 (KR).

(74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 2004/107709 (13) A1

(21) PCT/KR2004/001152

(22) 14 May/mai 2004 (14.05.2004)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)

(30) 10-2004-0022208 31 Mar/mar 2004 KR (31.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM
• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAEK, Seung-Myun [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyungsangnam-Do 641-764 (KR). LEE, Koon-Seok [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). KIM, Yong-Tae [KR/KR]; Daedong Apt. 1006-1504, Mukea-Ri, Jangyou-Myun, Gimhae-Shi, Kyungsangnam-Do 621-833 (KR).

(74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 29/06

(11) WO 2004/107710 (13) A1

(21) PCT/KR2004/001261

(22) 28 May/mai 2004 (28.05.2004)

(25) ko (26) en

(30) 10-2003-0034962 30 May/mai 2003 KR (30.05.2003)

(30) PCT/KR03/01345 7 Jul/juil 2003 KR (07.07.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HOME NETWORK SYSTEM
• SYSTEME DE RESEAU DOMESTIQUE

(71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAEK, Seung-Myun** [KR/KR]; Lucky Apt. 12-403, Banlim-Dong, Changwon-Shi, Kyungsangnam-Do 641-764 (KR). **LEE, Koon-Seok** [KR/KR]; Sungwon Apt. 102-1406, 45-1 Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-778 (KR). **CHOI, Hwan-Jong** [KR/KR]; 909-13, Mandeuik 3-Dong, Buk-Ku, Busan 616-829 (KR). **KIM, Yong-Tae** [KR/KR]; Daedong Apt. 1006-1504, Mukka-Ri, Jangyou-Myun, Gimhae-Shi, Kyungsangnam-Do 621-833 (KR). **KOO, Feel-Young** [KR/KR]; Keukdong-Villa No. 407, 542 Minrak-Dong, Suyoung-Ku, Busan 613-829 (KR). **KOO, Ja-In** [KR/KR]; 336-28, Hadae-Dong, Jinju-Shi, Kyungsangnam-Do 660-997 (KR). **KANG, Seong-Hwan** [KR/KR]; 1128, Keumeum-Ri, Seolcheon-Myun, Namhae-Kun, Kyungsangnam-Do 668-891 (KR).

(74) **LEE, Kwang-Yeon**; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8 Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 29/06

(11) WO 2004/107711 (13) A1

(21) PCT/US2004/010361

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/449,202 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS TO FACILITATE SECURITY-ENABLED CONTENT CACHING

• PROCEDE ET APPAREIL FACILITANT LA MISE EN MEMOIRE CACHE DE CONTENU A SECURITE ACTIVEE

(71) **ORACLE INTERNATIONAL CORPORATION** [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BHATIA, Gaurav** [IN/US]; 1565 Beach Park Blvd., Foster City, CA 94404 (US). **SWAMINATHAN, Arun** [IN/US]; 301 Chestnut Street, San Carlos, CA 94070 (US). **DESAI, Ajay** [US/US]; 106 Camerota Way, Redwood City, CA 94065 (US).

(74) **PARK, A., Richard**; 508 2nd Street, Suite 201, Davis, CA 95616 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, 1/18

(11) WO 2004/107712 (13) A1

(21) PCT/US2004/012530

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/443,388 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRANSMITTING DIGITAL IMAGE OVER A COMMUNICATION NETWORK

• TRANSMISSION D'IMAGES NUMERIQUES SUR UN RESEAU DE COMMUNICATION

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GREINER, Dylan Edward** [US/US]; 395 Merritt Avenue, Apartment 1, Oakland, California 94610 (US).

(74) **EASTMAN KODAK COMPANY**; 343 State Street, Rochester, New York 14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H04L 29/06

(11) WO 2004/107713 (13) A2

(21) PCT/US2004/014851

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/444,164 23 May/mai 2003 US (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PACKET COMBINING ON PCI EXPRESS

• COMBINAISON DE PAQUETS SELON LA NORME PCI EXPRESS

(71) **INTEL CORPORATION (a Delaware Corporation)** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **MUNGUA, Peter**; 1451 West Cardinal Way, Chandler, AZ 85248 (US).

(74) **MALLIE, Michael, J. et al. / etc.**; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/08

(11) WO 2004/107714 (13) A1

(21) PCT/FR2004/001310

(22) 26 May/mai 2004 (26.05.2004)

(25) fr (26) fr

(30) 03.06368 26 May/mai 2003 FR (26.05.2003)

(30) 04.02878 19 Mar/mar 2004 FR (19.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR SPECIFYING AND IMPLEMENTING A COMMUNICATION AND TRANSMISSION PROTOCOL

• SYSTEME DE SPECIFICATION ET DE MISE EN OEUVRE DE PROTOCOLE DE COMMUNICATION ET DE TRANSMISSION,

(71) **WAVECOM** [FR/FR]; Immeuble Bord de Seine I, 3, Esplanade du Foncet, F-92442 Issy-les-Moulineaux Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOULY, Michel** [FR/FR]; 4, rue Elisée Reclus, F-91120 Palaiseau (FR).

(74) **VIDON, P.**; Cabinet Patrice Vidon, 16B, rue Jouanet, BP 90333, F-35703 Rennes Cédex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04M 1/02, 1/23, G06F 3/033

(11) WO 2004/107715 (13) A1

(21) PCT/IB2004/001743

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 10/449,036 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MOBILE COMMUNICATION APPARATUS AND METHOD FOR INPUTTING DATA

- APPAREIL DE COMMUNICATION MOBILE ET PROCEDE POUR SAISIR DES DONNEES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALLE, Henrik [DK/DK]; Præsteløngen 15, DK-2400 Copenhagen (DK). STAGSTED, Lone [DK/DK]; Stranparksvej 20, 3tv., DK-2900 Hellerup (DK). JAKOBSEN, Janne, Juul [DK/DK]; Hardrupvej 68, DK-2700 Brønshøj (DK). KNUDSEN, Christopher, Saxe [US/US]; Indiakaj 11, DK-2100 Copenhagen Ö (US).

(74) AWAPATENT, AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H04M 1/05, 1/02

(11) WO 2004/107716 (13) A1

(21) PCT/EP2003/050197

(22) 27 May/mai 2003 (27.05.2003)

(25) de (26) de

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • HOLDER FOR A MOBILE TELEPHONE
• SUPPORT POUR TELEPHONE MOBILE

(71) TURNAROUND SOLUTION GMBH [CH/CH]; bahnhofstrasse 21, CH-6304 Zug (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAHINDEN, Claude [CH/CH]; Maiackerstrasse 21, CH-6345 Neuheim (CH).

(74) FALK, Urs; Patentanwaltsbuero Dr. Urs Falk, Eichholzweg 9A, CH-6312 Steinhausen (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04M 1/05, 1/60, H04B 1/38

(11) WO 2004/107717 (13) A1

(21) PCT/YU2004/000011

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) P-419/03 28 May/mai 2003 YU (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • CELLULAR PHONE HANDSFREE DEVICE COMPRISING AN OPTICAL CABLE

- CONNEXION ENTRE UN TELEPHONE CELLULAIRE ET UN DISPOSITIF MAINS LIBRES A L'AIDE D'UN CABLE OPTIQUE SPECIAL

(71, 72) SVENDA, Dusan [YU/YU]; Ivana Micurina 19/15, YU-11000 Beograd (YU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04M 1/275, 1/675

(11) WO 2004/107718 (13) A1

(21) PCT/EP2004/050872

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 2003-157248 2 Jun/juin 2003 JP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • PERSONAL INFORMATION PROTECTION METHOD, PERSONAL INFORMATION PROTECTION PROGRAM, AND CELLULAR PHONE TERMINAL
• PROCEDE DE PROTECTION D'INFORMATION PERSONNELLE, PROGRAMME CORRESPONDANT, ET TELEPHONE CELLULAIRE

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71) MOTOROLA LIMITED [GB/GB]; Jays Close, Viabes Industrial Estate, Basingstoke Hampshire RG22 4PD (GB).
(only for / seulement pour BW)

(72, 75) YAMADA, Yutaka [JP/JP]; 2-1012-103 Sasage Konanku, Yokohama, Kanagawa 234-0052 (JP).

(74) MCCORMACK, Derek J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04M 3/22, 3/56

(11) WO 2004/107719 (13) A1

(21) PCT/EP2004/050921

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

- (30) 103 24 872.2 **2 Jun/juin 2003** DE
(02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND DEVICE FOR MONITORING SUBSCRIBERS OF A TELECOMMUNICATIONS NETWORK DURING PARTICIPATION IN GROUP CALL CONNECTIONS
- PROCEDES ET DISPOSITIFS POUR INTERCEPTER UNE COMMUNICATION ENTRE DES ABONNES D'UN RESEAU DE TELECOMMUNICATION DANS LE CADRE D'APPELS COLLECTIFS
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) QAIN, Faqiang [AT/AT]; Platzergasse 3/C5, A-1210 Wien (AT). SPALT, Bernhard [AT/AT]; Henriettenplatz 1/32, A-1150 Wien (AT).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H04M 3/38, 1/66, 1/82
- (11) WO 2004/107720 (13) A1
- (21) PCT/ZA2004/000058
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 2003/4123 **28 May/mai 2003** ZA
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND MEANS OF ADMINISTERING COMMUNICATION ON A LINE
- PROCEDE ET MOYEN PERMETTANT D'ADMINISTRER DES COMMUNICATIONS SUR UNE LIGNE
- (71, 72) NARAINSAMY, Selvanathan [ZA/ZA]; Suite 903, Tower B, Salisbury Centre., 349-351 West Street, Durban, 4000, KawaZulu-Natal (ZA).
- (72) WRIGHT, Andrew, Gary; Suite 903, Tower B, Salisbury Centre., 349-351 West Street, Durban, 4000, KawaZulu-Natal (ZA).
- (74) PFT Burger, Patent & Trade Mark Attorneys; 10 Mount Argus Road, Umgeni Heights, Durban., KawaZulu-Natal, South Africa, PO Box 546, Durban, 4001, Kawazulu-Natal, South Af, rica (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(t) for all designations / pour toutes les désignations
-
- (51)⁷ H04M 3/42
- (11) WO 2004/107721 (13) A2
- (21) PCT/CA2004/000759
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/473,877 **29 May/mai 2003** US
(29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CALL PARK AND CALL PARK PICKUP SYSTEMS, METHODS AND NETWORK DEVICES
- SYSTEMES DE MISE EN GARDE D'APPEL PAR INDICATIF ET DE PRISE D'APPEL MIS EN GARDE PAR INDICATIF, PROCEDES ET DISPOSITIFS DE RESEAU ASSOCIES
- (71) NIMCAT NETWORKS INC. [CA/CA]; 1135 Innovation Drive, Ottawa, Ontario K2K 3G7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POUSTCHI, Behrouz [CA/CA]; 51 Evanshen Crescent, Kanata, Ontario K2K 2Z7 (CA).
- (74) SMART & BIGGAR et al. / etc.; 900 - 55 Metcalfe Street, P.O Box 2999, Station D, Ottawa, On K1P 5Y6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04M 3/42
- (11) WO 2004/107722 (13) A1
- (21) PCT/KR2004/001275
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ko (26) en
- (30) 10-2003-0034440 **29 May/mai 2003** KR
(29.05.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF PROVIDING A RING-BACK TONE SERVICE IN A MOBILE COMMUNICATION SYSTEM
- PROCEDE PERMETTANT DE FOURNIR UN SERVICE DE TONALITE DE RAPPEL DANS UN SYSTEME DE COMMUNICATION MOBILE
- (71) UTStarcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubal-eub Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JUNG, Sung Kyu [KR/KR]; Woosung Apt. 10-503, Sindaebang 1-dong, Dongjak-guSeoul 156-786 (KR).
- (74) YOON, Jee Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul, 110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04M 3/428
- (11) WO 2004/107723 (13) A1
- (21) PCT/KR2004/001274
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ko (26) en
- (30) 10-2003-0034806 **30 May/mai 2003** KR
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR CALL COMPLETION SERVICE
- PROCEDE DE SERVICE D'ETABLISSEMENT D'APPEL
- (71) UTStarcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubal-eub Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHUN, Sea Gon [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si Gyeonggi-do 467-701 (KR).
- (74) YOON, Jee Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04M 9/08

(11) WO 2004/107724 (13) A2

(21) PCT/IB2004/050723

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03101540.7 27 May/mai 2003 EP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • LOUDSPEAKER-MICROPHONE SYS-
TEM WITH ECHO CANCELLATION
SYSTEM AND METHOD FOR ECHO
CANCELLATION

- SYSTEME DE HAUT-PARLEUR-MI-
CROPHONE POURVU D'UN SYSTEME
D'ANNULATION D'ECHO ET SON
PROCEDE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MERKS, Ivo, L., D., M. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). ROOVERS, David, A., C., M.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). STENGER, Alexan-
der [DE/DE]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ H04M 17/00, H04L 12/14, H04M 15/12

(11) WO 2004/107725 (13) A1

(21) PCT/FI2004/000239

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 20030802 28 May/mai 2003 FI
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND SYSTEM FOR CON-
TROLLING PREPAID DATA SERVICES
• PROCEDE ET SYSTEME PERMET-
TANT DE CONTROLER DES SER-
VICES PREPAYES DE TRANSMISSION
DE DONNEES

(71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FI-02150 Espoo (FI).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAKALA, Jari [FI/FI]; Uurrekuja 7A,
FI-01650 Vantaa (FI).

(74) TOGNETTY, Virpi Maria; Page White
& Farrer, Runeberginkatu 5, 10th Floor,
FI-00100 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04M 17/00

(11) WO 2004/107726 (13) A1

(21) PCT/FR2004/001287

(22) 25 May/mai 2004 (25.05.2004)

(25) fr (26) fr

(30) 03/06440 27 May/mai 2003 FR
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM IN A MOBILE TELEPHONE
NETWORK WITH A DATABASE FOR
THE PROVIDERS AND A DATABASE
FOR THE USERS

- SYSTEME DANS UN RESEAU DE
TELEPHONIE MOBILE COMPRE-
NANT UN SERVEUR AVEC UNE BASE
DE DONNEES POUR LES FOURNIS-
SEURS ET UNE BASE DE DONNEES
POUR LES CLIENTS

(71) FRANCE TELECOM [FR/FR]; 6, place
d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAUBAN, Patrick [FR/FR]; 3, rue
Commandant Le Coutour, F-14000 Caen
(FR). MICHON, Philippe [FR/FR]; 4, rue
du Viquet, F-14760 Bretteville sur Odon
(FR).

(74) BENTZ, Jean-Paul et al. / etc.; Cabinet Bal-
lot, 122, rue Edouard Vaillant, F-92593 Lev-
allos-Perret (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N

(11) WO 2004/107727 (13) A2

(21) PCT/US2004/014139

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/445,256 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMAGE SENSOR WITH TIME OVER-
LAPPING IMAGE OUTPUT

- DETECTEUR D'IMAGE PRODUISANT
UNE IMAGE A SUPERPOSITION TEM-
PORELLE EN SORTIE

(71) CANDELA MICROSYSTEMS [US/US];
BLK 409, Woodlands St. 41, #13-109, Singa-
pore 730409 (SG).

(for all designated States except / pour tous
les États désignés sauf US)

(72) TAY, Hiok, Nam; Blk 409, Woodlands St.
41, #13-109, Singapore 730409 (SG).

(74) YORKS, Ben J.; Irell & Manella LLP, 840
Newport Center Drive, Suite 400, Newport
Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N

(11) WO 2004/107728 (13) A2

(21) PCT/US2004/014140

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/445,143 23 May/mai 2003 US
(23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMAGE SENSOR WITH DARK SIGNAL
REDUCTION

- CAPTEUR D'IMAGE A REDUCTION
DE SIGNAL D'OBSCURITE

(71) CANDELA MICROSYSTEMS [US/US]; Blk 409, Woodlands St. 41, #13-109, Singapore 730409 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72) TAY, Hiok, Nam; Blk 409, Woodlands St. 41, #13-109, Singapore 730409 (SG).

(74) YORKS, Ben, J.; Irell & Manella LLP, 840 Newport Center Drive, Suite 400, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) WO 2004/107729 (13) A2

(21) PCT/US2004/015744

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,413 22 May/mai 2003 US (22.05.2003)

(30) 60/475,001 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIGITAL CABLE ADAPTER

• ADAPTEUR DE CABLE NUMERIQUE

(71) PACE MICRO TECHNOLOGY PLC [GB/GB]; Victoria Road, Saltaire, Shipley, West Yorkshire BD18 3LF (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLATT, Terry, L. [US/US]; 131 Southeast 9th Court, Pompano Beach, FL 33060 (US). GAYDON, Neil [US/US]; 2200 NW 59th Street, Boca Raton, FL 33496 (US). FITZGERALD, Derrick [US/US]; 3192 Wicks Creek Trail, Marietta, GA 30062 (US). NOVAK, David A. [US/US]; 7883 Rockport Circle, Lake Worth, FL 33467 (US). GRABHAM, Matthew [US/US]; 204 Venetian Drive, Delray Beach, FL 33483 (US).

(74) EDMONDSON, David, J.; 600 New Hampshire Avenue, NW, Suite 1100, Washington, District of Columbia 20037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) WO 2004/107730 (13) A2

(21) PCT/US2004/015939

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/443,301 21 May/mai 2003 US (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM AND METHOD FOR EMBEDDING INTERACTIVE ITEMS IN VIDEO AND PLAYING SAME IN AN INTERACTIVE ENVIRONMENT

• SYSTEME ET PROCEDE D'INCRUSTATION D'ELEMENTS INTERACTIFS DANS DE LA VIDEO, ET RESTITUTION DE CES ELEMENTS DANS UN ENVIRONNEMENT INTERACTIF

(71) AVANT INTERACTIVE, INC. [US/US]; 1304 Carter Drive, Rockaway, NJ 07866 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) SALKIND, Carole, T.; 1304 Carter Drive, Rockaway, NJ 07866 (US). FULCO, William, J.; 1705 Pico Blvd., #121, Santa Monica, CA 90405 (US). GEAGA, Jorge, V.; 2614 Silver Ridge Ave., Los Angeles, CA (US).

(74) HOFFMAN, David, L.; Law Offices of David L. Hoffman, Suite 422, 27023 McBean Parkway, Valencia, CA 91355 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) WO 2004/107731 (13) A2

(21) PCT/US2004/017355

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 60/474,900 29 May/mai 2003 US (29.05.2003)

(30) 10/856,022 28 May/mai 2004 US (28.05.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND APPARATUS FOR ANALOG INSERTION OF LOW FREQUENCY WATERMARKS

• PROCEDE ET APPAREIL D'INSERTION ANALOGIQUE DE FILIGRANES BASSE FREQUENCE

(71) SARNOFF CORPORATION [US/US]; 201 Washington Road, Princeton, NJ 08543 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUBIN, Jeffrey [US/US]; 3 Wallingford Drive, Princeton, NJ 08540 (US). POLYZOIS, Christos, Alkiviadis [US/US]; 16 Feiler Court, Lawrenceville, NJ 08540 (US).

(74) TONG, Kin-Wah; 595 Shrewsbury Avenue, Shrewsbury, NJ 07702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/00

(11) WO 2004/107732 (13) A2

(21) PCT/GB2004/001881

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0312523.4 31 May/mai 2003 GB (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD OF PROCESSING A CUSTOMER IMAGE ORDER

• PROCEDE POUR TRAITER UNE COMMANDE D'IMAGES CLIENT

(71) EASTMAN KODAK COMPAGNY [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARDINGHAM, Colin [GB/GB]; 289 Park Avenue, Bushey, Hertfordshire WD23 2DR (GB).

(74) ELLIS, Michael; Kodak Limited, Patent Department, W92-3A, Headstone Drive, Harrow, Middlesex, HA1 4TY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/195, G03B 27/32, B41J 2/465

(11) WO 2004/107733 (13) A1

(21) PCT/IB2004/001742

- (22) 27 May/mai 2004 (27.05.2004)
- (25) en (26) en
- (30) UD2003A000114 28 May/mai 2003 IT (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • DEVICE TO EFFECT MICRO-DISPLACEMENTS OF A DISPLAY FOR DIGITAL IMAGES
- DISPOSITIF PERMETTANT D'ENTRAINER DES MICRO-DEPLACEMENTS D'UN AFFICHEUR POUR IMAGES NUMERIQUES
- (71) G.P.E. SRL [IT/IT]; Via Fiumicino, 1, I-33082 Azzano Decimo (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GREGORIS, Giuseppe [IT/IT]; Via Rimembranza, 91, I-33082 Azzano Decimo (IT).
- (74) PETRAZ, Gilberto; GLP Srl, Piazzale Cavedalis, 6/2, I-33100 Udine (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 1/387, 1/195
- (11) WO 2004/107735 (13) A1
- (21) PCT/JP2004/007999
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) en (26) en
- (30) 2003-157384 2 Jun/juin 2003 JP (02.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CAPTURED IMAGE PROJECTION APPARATUS AND CAPTURED IMAGE CORRECTION METHOD
- APPAREIL DE PROJECTION D'IMAGE SAISIE ET PROCÉDE DE CORRECTION D'IMAGE SAISIE
- (71) CASIO COMPUTER CO., LTD. [JP/JP]; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORICHIKA, Kazumasa [JP/JP]; 20-8, Nagabuchi 1-chome, Ome-shi, Tokyo 198-0052 (JP). SATO, Kunio [JP/JP]; 23-2, Shinmachi 5-chome, Ome-shi, Tokyo 198-0024 (JP).
- (74) KIMURA, Mitsuru; 2nd Floor, Kyohan Building, 7, Kandanshiki-cho 2-chome, Chiyoda-ku, Tokyo 101-0054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 1/41, 7/30
- (11) WO 2004/107736 (13) A1
- (21) PCT/JP2004/007198
- (22) 20 May/mai 2004 (20.05.2004)
- (25) ja (26) ja
- (30) 2003-149136 27 May/mai 2003 JP (27.05.2003)
-
- (51)⁷ H04N 5/00
- (11) WO 2004/107737 (13) A1
- (21) PCT/IB2002/000020
- (22) 4 Jan/jan 2002 (04.01.2002)
- (25) en (26) en
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A CONTROL ARCHITECTURE FOR A HIGH-THROUGHPUT MULTI-PROCESSOR CHANNEL DECODING SYSTEM
- ARCHITECTURE DE COMMANDE POUR UN SYSTEME DE DECODAGE DE VOIE MULTIPROCESSEUR A HAUTE CAPACITE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) BURNS, Geoffrey, F.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ H04N 5/225, H01L 27/14, H04N 5/335
- (11) WO 2004/107738 (13) A1
- (21) PCT/JP2004/007582
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-155348 30 May/mai 2003 JP (30.05.2003)
-
- Published / Publiée : (c)
- (51)⁷ H04N 1/387
- (11) WO 2004/107734 (13) A1
- (21) PCT/JP2004/006732
- (22) 19 May/mai 2004 (19.05.2004)
- (25) ja (26) ja
- (30) 2003-150803 28 May/mai 2003 JP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • WATERMARK INFORMATION EMBEDDING DEVICE, IMAGE PROCESSING DEVICE, WATERMARK INFORMATION EMBEDDING METHOD, AND IMAGE PROCESSING METHOD
- DISPOSITIF D'INSERTION D'INFORMATIONS EN FILIGRANE, DISPOSITIF DE TRAITEMENT D'IMAGES, PROCÉDE D'INSERTION D'INFORMATIONS EN FILIGRANE, ET PROCÉDE DE TRAITEMENT D'IMAGES
- (71) OKI ELECTRIC INDUSTRY CO., LTD. [JP/JP]; 7-12, Toranomon 1-chome, Minato-ku Tokyo, 1058460 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAENO, Kurato [JP/JP]; c/o Oki Electric Industry Co., Ltd. 7-12, Toranomon 1-chome, Minato-ku Tokyo, 1058460 (JP).
- (74) KAMEYA, Yoshiaki et al. / etc.; HAZUKI INTERNATIONAL YOTSUYA, Daiichi Tomizawa Building, 1-3, Yotsuya 3-chome, Shinjuku-ku, Tokyo, 1600004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (63) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGE PROCESSING DEVICE AND IMAGE PROCESSING PROGRAM
- DISPOSITIF ET PROGRAMME DE TRAITEMENT D'IMAGES
- (71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo 1008331 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUNIBA, Hideyasu [JP/JP]; C/o Nikon Corporation Intellectual Property Department, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008331 (JP).
- (74) FURUYA, Fumio; Dai2 Meihl Bldg., 9th Floor, 19-5, Nishishinjuku 1-Chome, Shinjuku-ku, Tokyo 1600023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (30) 2003-315545 **8 Sep/sep 2003** JP
(08.09.2003) CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGING DEVICE AND ITS MANUFACTURING METHOD
• DISPOSITIF D'IMAGERIE ET SON PROCEDE DE PRODUCTION
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIZAWA, Hiroshi
- (74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 5306026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 5/232
(11) WO 2004/107739 (13) A1
(21) PCT/JP2004/006071
(22) 27 Apr/avr 2004 (27.04.2004)
(25) ja (26) ja
(30) 2003-152531 **29 May/mai 2003** JP
(29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGING DEVICE
• DISPOSITIF D'IMAGERIE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AOKI, KatsujiKANAMORI, Katsuhiro
- (74) NII, Hiromori; c/o NII Patent Firm, Shin-Osaka Suehiro Center Bldg., 3rd Floor, 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 5/335
(11) WO 2004/107741 (13) A1
(21) PCT/JP2004/007664
(22) 27 May/mai 2004 (27.05.2004)
(25) ja (26) ja
(30) 2003-155677 **30 May/mai 2003** JP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGING DEVICE AND IMAGING METHOD
• DISPOSITIF ET PROCEDE D'IMAGERIE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMANO, Ryouzuke [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
- (74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 1000011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04N 5/44
(11) WO 2004/107742 (13) A1
(21) PCT/JP2004/006369
(22) 12 May/mai 2004 (12.05.2004)
(25) ja (26) ja
(30) 2003-155137 **30 May/mai 2003** JP
(30.05.2003)
- (30) 2003-306408 **29 Aug/août 2003** JP
(29.08.2003)
- (30) 2003-430756 **25 Dec/déc 2003** JP
(25.12.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND COMPUTER PROGRAM
• APPAREIL ET PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME INFORMATIQUE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NARAHARA, Tatsuya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). YAMAMOTO, Tomoyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). SUMIYOSHI, Kazuhito [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). ASAZU, Hideki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). SHIBATA, Toyohiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). TSURUTA, Yasushi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). OHDE, Junya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). FUJIWARA, Nobuyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
- (74) YAMADA, Eiji et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 1040041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/44

(11) WO 2004/107743 (13) A1

(21) PCT/JP2004/006370

(22) 12 May/mai 2004 (12.05.2004)

(25) ja (26) ja

(30) 2003-155138 30 May/mai 2003 JP
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INFORMATION PROCESSING APPA-
RATUS, INFORMATION PROCESSING
METHOD, AND COMPUTER PRO-
GRAM

• APPAREIL ET PROCEDE DE TRAI-
TEMENT D'INFORMATIONS ET PRO-
GRAMME INFORMATIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141000 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NARAHARA, Tatsuya [JP/JP]; c/o
SONY CORPORATION, 7-35, Kitashina-
gawa 6-chome, Shinagawa-ku, Tokyo
1410001 (JP). ASAZU, Hideki [JP/JP];
c/o SONY CORPORATION, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
1410001 (JP). FUJIWARA, Nobuyuki
[JP/JP]; c/o SONY CORPORATION, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 1410001 (JP). SUMIYOSHI,
Kazuhito [JP/JP]; c/o SONY CORPO-
RATION, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 1410001 (JP).

(74) YAMADA, Eiji et al. / etc.; Sawada, Miyata
& Yamada Patent Office, Ginza TK Bldg.,
1-7, Shintomi 1-chome, Chuo-ku, Tokyo
1040041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/44, 5/445

(11) WO 2004/107744 (13) A1

(21) PCT/JP2004/006613

(22) 11 May/mai 2004 (11.05.2004)

(25) ja (26) ja

(30) 2003-150589 28 May/mai 2003 JP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DEVICE CONTROL PROCESSING
DEVICE, DISPLAY PROCESSING DE-
VICE, METHOD, AND COMPUTER
PROGRAM

• SYSTEME DE TRAITEMENT D'UNE
COMMANDE DE DISPOSITIF,
DISPOSITIF DE TRAITEMENT
D'AFFICHAGE, PROCEDE ET PRO-
GRAMME D'ORDINATEUR

(71) SONY CORPORATION [JP/JP]; 7-35,
KITASHINAGAWA 6-CHOME, SHINA-
GAWA-KU, Tokyo, 1410001 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WATANABE, Osamu [JP/JP]; c/o
SONY CORPORATION, 7-35, KI-
TASHINAGAWA 6-CHOME, SHINA-
GAWA-KU, Tokyo, 1410001 (JP). INADA,
Tetsugo [JP/JP]; c/o SONY-KIHARA RE-
SEARCH CENTER INC., 1-14-10, HI-
GASHI GOTANDA, SHINAGAWA-KU,
Tokyo, 1410022 (JP). YAMADA, Hideshi
[JP/JP]; c/o SONY-KIHARA RESEARCH
CENTER INC., 1-14-10, HIGASHI
GOTANDA, SHINAGAWA-KU, Tokyo,
1410022 (JP).

(74) MIYATA, Masaaki et al. / etc.; Sawada,
Miyata & Yamada Patent Office, Ginza TK
Bldg., 1-7, Shintomi 1-chome, Chuo-ku,
Tokyo, 1040041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (b)

(51)⁷ H04N 5/44

(11) WO 2004/107745 (13) A1

(21) PCT/JP2004/006729

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-151978 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • BROADCAST RECEPTION SYSTEM
• SYSTEME DE RECEPTION DE RADIO-
DIFFUSION

(71) SANYO ELECTRIC CO., LTD. [JP/JP];
5-5, Keihanondori 2-chome, Moriguchi-shi
Osaka, 5708677 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KASAMATSU, Hideki [JP/JP];
1-14-14, Kisaichiyamate, Katano-shi Os-
aka, 5760032 (JP).

(74) JIMBO, Taizo; Tenmapark Bldg. 8F, 14-19,
Tenma 4-chome, Kita-ku, Osaka-shi, Osaka,
5300043 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/44

(11) WO 2004/107746 (13) A1

(21) PCT/JP2004/007665

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-150638 28 May/mai 2003 JP
(28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIGITAL INTERFACE DECODE RE-
CEIVER APPARATUS
• DISPOSITIF RECEPTEUR-DECODEUR
A INTERFACE NUMERIQUE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOTANDA, ChikaraNIO, YutakaNA-
GATA, Kouichiro

(74) FUKUSHIMA, Yoshito; Esaka Mitaka
Bldg. 6F, 4-1, Hiroshiba-cho, Suita-shi, Os-
aka 564-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/445

(11) WO 2004/107747 (13) A1

(21) PCT/IB2004/001825

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/474,830 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TRANSFORMATION OF RECOMMENDER SCORES DEPENDING UPON THE VIEWED STATUS OF TV SHOWS

• TRANSFORMATION

D'EVALUATIONS FOURNIES PAR UNE ENTITE DE RECOMMENDATION EN FONCTION D'UNE EVALUATION SAISIE LORS DU VISIONNEMENT D'EMMISSIONS DE TELEVISION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUTTA, Srinivas [IN/NL]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Gathman, Laurie, P.O.Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H04N 5/445, G06F 17/30

(11) WO 2004/107748 (13) A1

(21) PCT/JP2004/007580

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-148726 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROGRAM INFORMATION DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE D'INFORMATIONS DE PROGRAMME

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAITO, Kentaro MATSUDA, Taku KOBAYASHI, Yuki

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/445

(11) WO 2004/107749 (13) A1

(21) PCT/US2004/016905

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,425 29 May/mai 2003 US (29.05.2003)

(30) 60/538,104 20 Jan/jan 2004 US (20.01.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM FOR PRESENTATION OF MULTIMEDIA CONTENT

• SYSTEME POUR LA PRESENTATION DE CONTENU MULTIMEDIA

(71) EAT.TV, LLC [US/US]; 42 Oak Mountain, San Rafael, CA 94903 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) REID, Duane, M.; 42 Oak Mountain Court, San Rafael, CA 94903 (US). THEBERGE, James, P.; 5713 Woodrose Way, Livermore, CA 94551 (US). RUBIN, Noel, J.; 4531 Stanley Drive SW, Calgary, AB T2S2R6 (CA).

(74) PEREZ, Ronald, E. et al. / etc.; Fulwider, Patton, Lee & Utecht, L.L.P., Howard Hughes Center, 6060 Center Drive, Tenth Floor, Los Angeles, CA 90045 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 5/60

(11) WO 2004/107750 (13) A1

(21) PCT/JP2004/007659

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-150637 28 May/mai 2003 JP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DIGITAL INTERFACE RECEIVER APPARATUS

• APPAREIL RECEPTEUR D'INTERFACE NUMERIQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIO, Yutaka NAGATA, Kouichiro TANAKA, Koichi

(74) FUKUSHIMA, Yoshito; Esaka Mitaka Bldg. 6F, 4-1, Hiroshiba-cho, Suita-shi, Osaka 564-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/74, 9/31, G02B 26/08

(11) WO 2004/107751 (13) A1

(21) PCT/IB2004/001746

(22) 28 May/mai 2004 (28.05.2004)

(25) it (26) en

(30) TO2003A000393 28 May/mai 2003 IT (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ILLUMINATION SYSTEM FOR VIDEOPROJECTOR UTILIZING ONE OR MORE LED DIODES MATRICES

• SYSTEME D'ECLAIRAGE POUR VIDEOPROJECTEUR FAISANT APPEL A

UNE OU PLUSIEURS MATRICES DE DIODES ELECTROLUMINESCENTES

(71) **SIM2 MULTIMEDIA S.P.A.** [IT/IT]; Viale Lino Zanussi, 11, I-33070 Pordenone (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRISON, Renato** [IT/IT]; Via Libertà 9, I-33083 Chions (IT).

(74) **DINI, Robert**; C/o Metroconsult S.r.l., Piazza Cavour 3, I-10060 None (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(51)⁷ H04N 5/92, 5/85

(11) WO 2004/107752 (13) A1

(21) PCT/IB2004/001768

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312518.4 31 May/mai 2003 GB (31.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTI-PROGRAMME RECORDING IN DVD COMPLIANT FORMAT

• ENREGISTREMENT DE PROGRAMMES MULTIPLES DANS UN FORMAT COMPATIBLE AVEC LE FORMAT DVD

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASHLEY, Alexis, S., R.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). **MORRIS, Octavius, J.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(74) **WHITE, Andrew, G.**; c/o Philips Intellectual Property & Stan, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04N 5/93

(11) WO 2004/107753 (13) A1

(21) PCT/JP2004/007666

(22) 27 May/mai 2004 (27.05.2004)

(25) ja (26) ja

(30) 2003-149924 27 May/mai 2003 JP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • MULTIMEDIA PLAYBACK DEVICE AND PLAYBACK METHOD

• DISPOSITIF ET PROCEDE DE REPRODUCTION MULTIMEDIA

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0006 (JP). **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORITA, Toru** [JP/JP]; c/o Sony Computer Entertainment Inc., 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0006 (JP). **HIRAMATSU, Shuji** [JP/JP]; c/o Sony Computer Entertainment Inc., 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0006 (JP). **ENOMOTO, Shigeru** [JP/JP]; c/o Sony Computer Entertainment Inc., 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0006 (JP). **TU, Edgar, Allan** [US/US]; c/o Sony Computer Entertainment America Inc., 919 E. Hillsdale Blvd., Foster City, CA 94404 (US).

(74) **KOIKE, Akira et al.** / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H04N 7/088

(11) WO 2004/107754 (13) A1

(21) PCT/IB2004/050719

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) PCT/SG03/00131 27 May/mai 2003 SG (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CONTROL OF A SYSTEM FOR ACCESS TO TELETEXT INFORMATION

• COMMANDE D'UN SYSTEME PERMETTANT D'AVOIR ACCES A DES INFORMATIONS DE TELETEXTE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHREURS, Louis, P., M.** [NL/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LIM, Song, K.** [MY/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TOH, Andrew, H., W.** [SG/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LIM, Ah, K.** [SG/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KUNHUTTY VASUDEVAN, Suresh, B.** [IN/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHMITZ, Herman, J., R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ H04N 7/12

(11) WO 2004/107755 (13) A1

(21) PCT/KR2003/002761

(22) 17 Dec/déc 2003 (17.12.2003)

(25) en (26) en

(30) 10-2003-0035467 3 Jun/juin 2003 KR
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PACKET SCHEDULING METHOD FOR
STREAMING MULTIMEDIA DATA

- PROCEDE DE PLANIFICATION DE
PAQUETS POUR LA TRANSMISSION
EN CONTINU DE DONNEES MULTI-
MEDIA

(71, 72) KANG, Sang Hyuk [KR/KR];
#106-1007 Hyundai Apt., 88 Dansan 4ga,
Yeongdeungpo-ku, Seoul 150-044 (KR).(74) LEE, Won-Hee; 8th Fl., Sung-ji Heights II,
642-16 Yoksam-dong, Kangnam-ku, Seoul
135-080 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ H04N 7/16, 5/915

(11) WO 2004/107756 (13) A1

(21) PCT/IB2004/001775

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/474,820 30 May/mai 2003 US
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ASCERTAINING SHOW PRIORITY
FOR RECORDING OF TV SHOWS
DEPENDING UPON THEIR VIEWED
STATUS

- ETABLISSEMENT D'UN
ORDRE DE PRIORITE POUR
L'ENREGISTREMENT D'EMISSIONS
DE TELEVISION EN FONCTION
D'UNE EVALUATION SAISIE LORS
DU VISIONNEMENT

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GUTTA, Srinivas [IN/NL]; P.O. Box
3001, Briarcliff Manor, NY 10510 (US).(74) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.; c/o Gathman, Laurie, P.O. Box
3001, Briarcliff Manor, NY 10510-8001
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(t) for all designations / pour toutes les
designations(51)⁷ H04N 7/16

(11) WO 2004/107757 (13) A1

(21) PCT/IB2004/050781

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03101611.6 3 Jun/juin 2003 EP
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD AND DEVICE FOR GENER-
ATING A USER PROFILE ON THE BA-
SIS OF PLAYLISTS

- PROCEDE ET DISPOSITIF DE
GENERATION D'UN PROFIL
D'UTILISATEUR SUR LA BASE DE
LISTES DE DIFFUSION

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BODLAENDER, Maarten, P.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). VERHAEGH, Wilhel-
mus, F., J. [NL/NL]; c/o Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). DE MOOIJ,
Arnout, M. [NL/NL]; c/o Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).(74) GROENENDAAL, Antonius, W., M.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/173, 7/16

(11) WO 2004/107758 (13) A1

(21) PCT/IB2004/001786

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/475,165 2 Jun/juin 2003 US
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROGRAM RECOMMENDATION VIA
DYNAMIC CATEGORY CREATION

- RECOMMANDATION PAR CREATION
DYNAMIQUE DE CATEGORIES

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GUTTA, Srinivas [US/US]; P.O.
Box 3001, Briarcliff Manor, New York
10510-8001 (US).(74) KONINKLIJKE PHILIPS ELEC-
TRONICS N.V.; c/o Halajian, Dircan,
P.O.Box 3001, Briarcliff Manor, New York
10510-8001 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(f) for all designations / pour toutes les désignations

(51)⁷ H04N 7/173

(11) WO 2004/107759 (13) A1

(21) PCT/US2004/016373

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 10/443,643 22 May/mai 2003 US (22.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEMS AND METHODS FOR DYNAMICALLY GENERATING AND DISTRIBUTING SYNCHRONIZED ENHANCEMENTS TO A BROADCAST SIGNAL

• SYSTEMES ET PROCEDES DE GENERATION ET DE DISTRIBUTION DYNAMIQUE D'ELEMENTS SYNCHRONISES A UN SIGNAL DE RADIODIFFUSION

(71) TURNER BROADCASTING SYSTEM, INC. (TBS, INC.) [US/US]; 1030 Techwood Drive, N.W., Atlanta, GA 30318 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEWIN, BLAKE, P. [US/US]; 4713 Arrowhead Trail, Lilburn, GA 30247 (US). WOODWARD, Stephen, Graham [GB/US]; 818 Greenwood Avenue, Apartment 201, Atlanta, GA 30306 (US).

(74) KAHLE, Neill, R., Jr. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/18

(11) WO 2004/107760 (13) A1

(21) PCT/US2003/015207

(22) 14 May/mai 2003 (14.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PORTABLE MULTIPLE VIEW SURVEILLANCE SYSTEM

• SYSTEME PORTABLE DE SURVEILLANCE A PLUSIEURS CHAMPS VISUELS

(71, 72) DOCTERS, Fernando [AR/US]; 2 Durham Road, Larchmont, NY 10538 (US).

(74) GIBSON, Peter; 6316 Greenspring Avenue #307, Baltimore, MD 21209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/26

(11) WO 2004/107761 (13) A1

(21) PCT/FR2004/050190

(22) 12 May/mai 2004 (12.05.2004)

(25) fr (26) fr

(30) 0306197 23 May/mai 2003 FR (23.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR ENCODING AND/OR DECODING GROUPS OF IMAGES

• PROCEDE DE CODAGE ET/OU DE DECODAGE DE GROUPE D'IMAGES

(71) THOMSON Licensing S.A. [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANCOIS, Edouard [FR/FR]; 18 Allée du Locar, F-35890 BOURG-DES-COMPTES (FR). THOREAU, Dominique [FR/FR]; 39 rue du Réage, F-35510 CESSON-SEVIGNE (FR). BOISSON, Guillaume [FR/FR]; 12 rue Jean Malo-Renault, F-35000 RENNES (FR).

(74) RUELLAN-LEMONNIER, Brigitte; THOMSON, European Patent Operations, 46, quai Alphonse Le Gallo, F-92648 BOULOGNE cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 13/02, G03B 35/08

(11) WO 2004/107762 (13) A1

(21) PCT/JP2003/006839

(22) 30 May/mai 2003 (30.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PHOTOGRAPHING METHOD AND PHOTOGRAPHING DEVICE

• PROCEDE ET DISPOSITIF DE PRISE DE VUE

(71, 72) TOMITA, Seiji [JP/JP]; 13-5, Inogata 3-chome, Komae-shi, Tokyo 201-0015 (JP).

(74) YAMAGUCHI, Tetsuo; 2F, Maruwa Bldg., 17-10, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04N 13/04, G09G 5/36, 5/08, 5/377

(11) WO 2004/107763 (13) A1

(21) PCT/JP2004/007184

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-150089 28 May/mai 2003 JP (28.05.2003)

(30) 2003-384655 14 Nov/nov 2003 JP (14.11.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • 3-DIMENSIONAL VIDEO DISPLAY DEVICE AND PROGRAM

• DISPOSITIF ET PROGRAMME D'AFFICHAGE VIDEO TRIDIMENSIONNEL

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASHITANI, Ken [JP/JP]; 12-43-201, Hiraike-cho, Neyagawa-shi, Osaka 5720839 (JP). HAMAGISHI, Goro [JP/JP]; 6-9-22, Sonehigashino-cho, Toyonaka-shi Osaka 5610802 (JP). TAKE-

MOTO, Satoshi [JP/JP]; 5-97-303, Noginomoricho, Ogaki-shi, Gifu 5030852 (JP). YOSHIKAWA, Takatoshi [JP/JP]; 1-16-407, Arata-cho, Ogaki-shi, Gifu 5030856 (JP). HORI, Yoshihiro [JP/JP]; 5-1-12, Kuramae, Gifu-shi, Gifu 5008233 (JP). HORIUCHI, Keiji [JP/JP]; 180, Ohmori, Anpachi-cho, Anpachi-gun, Gifu 5030116 (JP).

(74) JIMBO, Taizo; Tenmapark Bldg, 8F, 14-19, Tenma 4-chome, Kita-ku, Osaka-shi, Osaka 5300043 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04N 13/04, 5/262
- (11) WO 2004/107764 (13) A1
- (21) PCT/JP2004/007185
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-149881 27 May/mai 2003 JP
(27.05.2003)
- (30) 2003-165043 10 Jun/juin 2003 JP
(10.06.2003)
- (30) 2003-164599 10 Jun/juin 2003 JP
(10.06.2003)
- (30) 2003-336222 26 Sep/sep 2003 JP
(26.09.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGE DISPLAY DEVICE AND PRO-
GRAM
- DISPOSITIF ET PROGRAMME
D'AFFICHAGE D'IMAGES
- (71) SANYO ELECTRIC CO., LTD. [JP/JP];
5-5, Keihanondori 2-chome, Moriguchi-shi,
Osaka 5708677 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HORIUCHI, Keiji [JP/JP]; 180,
Ohmori, Anpachi-cho, Anpachi-gun,
Gifu 5030116 (JP). HORI, Yoshihiro
[JP/JP]; 5-1-12, Kuramae, Gifu-shi, Gifu
5008233 (JP). YOSHIKAWA, Takatoshi
[JP/JP]; 1-16-407, Arata-cho, Ogaki-shi,
Gifu 5030856 (JP). HAMAGISHI, Goro
[JP/JP]; 6-9-22, Sonchigashino-cho, Toyonaka-shi,
Osaka 5610802 (JP). TAKEMOTO,
Satoshi [JP/JP]; 5-97-303, Nuginomori-cho,
Ogaki-shi, Gifu 5030852 (JP). MASHITANI,
Ken [JP/JP]; 12-43-201, Hiraike-cho, Neyagawa-shi,
Osaka 5720839 (JP).
- (74) JIMBO, Taizo; Tenmapark Bldg. 8F, 14-19,
Tenma 4-chome, Kita-ku, Osaka-shi, Osaka
5300043 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H04N 13/04
- (11) WO 2004/107766 (13) A1
- (21) PCT/JP2004/007800
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ja (26) ja
- (30) 2003-154875 30 May/mai 2003 JP
(30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • IMAGE RECEIVING APPARATUS AND
IMAGE REPRODUCING APPARATUS
- APPAREIL DE RECEPTION D'IMAGES
ET APPAREIL DE REPRODUCTION
D'IMAGES
- (71) SHARP KABUSHIKI KAISHA [JP/JP];
22-22, Nagaike-cho, Abeno-ku, Osaka-shi,
Osaka, 5458522 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ITO, Motohiro [JP/JP]; 5-21-18-601,
Masago, Mihama-ku, Chiba-shi, Chiba,
2610011 (JP). OHARA, Kazuto [JP/JP];
4-34-7-101, Narashinodai, Funabashi-shi,
Chiba, 2740063 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Fukami
Patent Office, Mitsui Sumitomo Bank Mi-
namimorimachi Bldg., 1-29, Minamimori-
machi 2-chome, Kita-ku, Osaka-shi, Osaka,
5300054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04N 17/04
- (11) WO 2004/107767 (13) A1
- (21) PCT/IB2004/050724
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 03101555.5 28 May/mai 2003 EP
(28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CAPTURING IMAGES FROM A DIS-
PLAY DEVICE
- SAISIE D'IMAGES A PARTIR D'UN
DISPOSITIF D'AFFICHAGE
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MCDONALD, Michael, J. [IE/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). JANSSEN, Josephes, A. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).
- (74) GROENENDAAL, Antonius, W., M.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04Q

(11) WO 2004/107768 (13) A2

(21) PCT/IB2004/001566

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/474,476 30 May/mai 2003 US (30.05.2003)

(30) 10/671,346 24 Sep/sep 2003 US (24.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PARTIALLY COHERENT CONSTELLATIONS FOR MULTIPLE-ANTENNA SYSTEMS

• CONSTELLATIONS PARTIELLEMENT COHERENTES POUR SYSTEMES MULTI-ANTENNES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf BB US)

(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour BB)

(72) BORRAN, Mohammad, Jaber; 9837 N. MacArthur Blvd., #1604, Irving, TX 75063 (US). SABHARWAL, Ashutosh; 7510 Brompton Street, #642, Houston, TX 77025 (US). AAZHANG, Behnaam; 3812 Marlowe, Houston, TX 77005 (US). VARSHNEY, Prabodh; 510 Westminster Way, Coppell, TX 75019 (US).

(74) SMITH, Harry, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q

(11) WO 2004/107769 (13) A2

(21) PCT/IB2004/001682

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/452,949 3 Jun/juin 2003 US (03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SYSTEM, METHOD AND APPARATUS FOR FACILITATING MEDIA CONTENT CHANNELS

• SYSTEME, APPAREIL ET PROCEDURE PERMETTANT DE FACILITER LES CANAUX DE CONTENUS MEDIATIQUES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour LC)

(72) NYKANEN, Petri; Lehdokkikatu 3, FIN-37120 Nokia (FI). MONONEN, Jari; Mutkatie 5, FIN-36110 Rutana (FI). POHJA, Seppo; Insi-noorinkatu 51 A 16, FIN-33720 Tampere (FI). KOLEHMAINEN, Mikko; Esikkokatu 3, FIN-04400 Jarvenpaa (FI). KONKARIKOSKI, Ulla; Paavo Kolin Katu 7 B 45, FIN-33720 Tampere (FI).

(74) FUNK, Steven; Crawford Maunu PLLC, 1270 Northland Drive, Suite 390, St. Paul, MN 55120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q

(11) WO 2004/107770 (13) A2

(21) PCT/IL2004/000457

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 60/474,692 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PRE AND POST-HARVEST QC DATA ACQUISITION SYSTEM FOR AGRICULTURAL PRODUCTS

• SYSTEME D'ACQUISITION DE DONNEES QC PRE ET POST-RECOLTE POUR PRODUITS AGRICOLES

(71) STEPAC L.A. LTD. [IL/IL]; Tefen Industrial Park, P.O. Box 73, 24959 Tefen (IL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEN-TZUR, Israel [IL/IL]; 83 Snir Street, 25147 Kfar Vradim (IL). SHAPIRO, Ariel [IL/IL]; 8 Tchernichovsky Street, 46499 Herzliya (IL).

(74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q

(11) WO 2004/107771 (13) A2

(21) PCT/US2004/015955

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,393 22 May/mai 2003 US (22.05.2003)

(30) 60/513,720 24 Oct/oct 2003 US (24.10.2003)

(30) 60/518,506 7 Nov/nov 2003 US (07.11.2003)

(30) 10/790,644 1 Mar/mar 2004 US (01.03.2004)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHODS AND APPARATUS FOR MOUNTING A WIRELESS NETWORK COMPONENT TO A FLUORESCENT LIGHT

• PROCEDES ET APPAREILS PERMETTANT DE MONTER UN ELEMENT DE RESEAU SANS FIL SUR UN ECLAIRAGE FLUORESCENT

(71) NXSTEPS COMMUNICATIONS [US/US]; 860 Johnson Ferry Road, Suite 150-300, Atlanta, GA 30324 (US).

(72) ROACH, Peter, O., Jr.; 1150 Ives Court, Atlanta, GA 30319 (US).

(74) PAVENTO, Michael, S. et al. / etc.; King & Spalding LLP, 191 Peachtree Street, 45th Floor, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q

(11) WO 2004/107772 (13) A2

(21) PCT/US2004/016320

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 10/447,633 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMMUNICATION DEVICE WITH HISTORY BASED ALERTS AND METHOD THEREFOR

• DISPOSITIF DE COMMUNICATION COMPORTANT DES ALERTES BASEES SUR L'HISTOIRE ET PROCEDE CORRESPONDANT

(71) MOTOROLA, INC., a corporation of the State of Delaware [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIERAWSKI, Jeffrey, A. [US/US]; 1043 Fosters Mill Road, Boynton Beach, Florida 33436 (US). BARROS, Mark, A. [US/US]; 3542 Old Lighthouse Circle, Wellington, Florida 33414 (US). BUJOLD, John, H. [US/US]; 6363 Sand Hills Circle, Lake Worth, Florida 33463 (US).

(74) KARPINIA, Randi, L. et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Plantation, Florida 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 1/16

(11) WO 2004/107773 (13) A2

(21) PCT/US2004/015262

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03011174.4 27 May/mai 2003 EP (27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • TELECOMMUNICATIONS MODULE

• MODULE DE TELECOMMUNICATION

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OTTO, Hans-Dieter [DE/DE]; Carl-Schurz-Strasse 1, 41453 Neuss (DE).

(74) TRUSSELL, James J. et al. / etc.; Office of Intellectual Property Counsel, Post

Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 3/42

(11) WO 2004/107774 (13) A1

(21) PCT/KR2004/001310

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ko (26) en

(30) 10-2003-0035283 2 Jun/juin 2003 KR (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD OF DISTRIBUTING NETWORK TRAFFIC IN A MOBILE COMMUNICATION SYSTEM

• METHODE DE DISTRIBUTION DE TRAFIC DE RESEAU DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) UTStarcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubal-eub Icheon-si, Kyonggi-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIN, Hyun Young [KR/KR]; Dansong Villa 101, 3538 Geumgwang 2-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do 462-804 (KR).

(74) YOON, Jee Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 3/52, H04B 10/14, H04L 12/43

(11) WO 2004/107775 (13) A1

(21) PCT/JP2003/006757

(22) 29 May/mai 2003 (29.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • OPTICAL SWITCH

• COMMUTATEUR OPTIQUE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAHASHI, Akira [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). ICHIKAWA, Toshiyuki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TAMURA, Satoshi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04Q 7/00

(11) WO 2004/107776 (13) A1

(21) PCT/CN2004/000557

(22) 28 May/mai 2004 (28.05.2004)

(25) zh (26) zh

(30) 03126746.7 30 May/mai 2003 CN (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • THE ADJUSTING METHOD FOR THE TRANSMITTING WINDOW OF THE RADIO LINK LAYER

• PROCEDE DE REGLAGE DE LA FENETRE DE TRANSMISSION D'UNE LIAISON RADIO

(71) ZTE CORPORATION [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Qian [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). DONG, Jia [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). ZHU, Fusheng [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) LEADER PATENT & TRADEMARK FIRM et al. / etc.; Daolong Building No.13 Huayuanlu, Haidian District, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/00

(11) WO 2004/107777 (13) A1

(21) PCT/CN2004/000558

(22) 28 May/mai 2004 (28.05.2004)

(25) zh (26) zh

(30) 03126735.1 30 May/mai 2003 CN (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • THE TRIGGERING METHOD OF RADIO LINK LAYER TRANSMITTING WINDOW CONTROLLING INFORMATION

• METHODE DE DECLENCHMENT DES INFORMATIONS DE COMMANDE DE LA FENETRE TRANSMISSION DE LA COUCHE DE LIAISON RADIO

(71) ZTE CORPORATION [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Qian [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). DONG, Jia [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). LI, Wei [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) LEADER PATENT & TRADEMARK FIRM; Daolong Building, No.13 Huayuanlu, Haidian District, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/00

(11) WO 2004/107778 (13) A1

(21) PCT/CN2004/000562

(22) 28 May/mai 2004 (28.05.2004)

(25) zh (26) zh

(30) 03138560.5 28 May/mai 2003 CN (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A METHOD AND APPARATUS ABOUT ACCURATE DETERMINING THE FIRST PATH IN CDMA MOBILE COMMUNICATION

• PROCEDE ET APPAREIL DE DETERMINATION PRECISE DU PREMIER TRAJET EN COMMUNICATION MOBILE AMDC

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) XU, Bin [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). GUO, Fangfu [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). DIAO, Xinxi [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). YE, Huanqiu [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No. 10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/00

(11) WO 2004/107779 (13) A2

(21) PCT/US2004/012777

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/447,461 29 May/mai 2003 US (29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • WIRELESS COMMUNICATIONS METHODS AND APPARATUS USING LICENSED-USE SYSTEM PROTOCOLS WITH UNLICENSED-USE ACCESS POINTS

• PROCEDE ET APPAREIL DE COMMUNICATIONS SANS FIL UTILISANT DES PROTOCOLES DE SYSTEMES A UTILISATION SOUS LICENCE AVEC DES POINTS D'ACCES A UTILISATION SANS LICENCE

(71) MOBILE SATELLITE VENTURES, L.P. [US/US]; 10802 Parkridge Boulevard, Reston, VA 20191-5416 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARABINIS, Peter, D. [US/US]; 101 Chalon Drive, Cary, NC 27511 (US). SINGH, Rajendra [US/US]; 3801 Bellerive Terrace, Alexandria, VA 22309 (US).

(74) BIGEL, Mitchell, S. et al. / etc.; Myers Bigel Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/00

(11) WO 2004/107780 (13) A2

(21) PCT/US2004/016700

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,507 27 May/mai 2003 US (27.05.2003)

(30) 60/511,187 14 Oct/oct 2003 US (14.10.2003)

(30) 10/729,171 5 Dec/déc 2003 US (05.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FACILITATING 802.11 ROAMING BY PRE-ESTABLISHING SESSION KEYS
• PRE-ETABLISSEMENT DE CLES DE SESSION FACILITANT L'ITINERANCE 802.11

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 W. Tasman Drive, San Jose, CA 95134 (US).

(72) CAM WINGET, Nancy; 325 Martens Avenue, Mountain View, CA 94040 (US).

(74) GARRED, John, X.; Tucker Ellis & West LLP, 925 Euclid Avenue, 1150 Huntington Building, Cleveland, OH 44115-1475 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/22

(11) WO 2004/107781 (13) A1

(21) PCT/EP2004/050926

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 10325005.0 3 Jun/juin 2003 DE (03.06.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTIMIZED SERVICE DISPATCH
• ENVOI OPTIMISE DE SERVICES
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEMAR, Mohammad Ali [AT/AT]; Gallmeyergasse 18/4/2, A-1190 Wien (AT). ULRICH, Thomas [DE/DE]; Rudolf-Bart-Siedlung 11, 67098 Bad Dürkheim (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ H04Q 7/22
- (11) WO 2004/107782 (13) A1
- (21) PCT/KR2004/001270
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ko (26) en
- (30) 10-2003-0034804 30 May/mai 2003 KR (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD OF DUALIZING ACCESS TERMINAL INFORMATION OF AN OHM IN AN EVDO SYSTEM
• PROCEDE DE DUALISME D'INFORMATION DE TERMINAL D'ACCES DANS UN GESTIONNAIRE DE SERVITUDE DE SYSTEME A DONNEES D'EVOLUTION SEULEMENT
- (71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-ub Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AHN, Hyung, Nam [KR/KR]; San 136-1, Ami-ri Bubal-ub, Icheon-si, Gyeonggi-do 467-701 (KR).
- (74) YOON, Jee, Hoong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04Q 7/30
- (11) WO 2004/107783 (13) A1
- (21) PCT/KR2004/001276
- (22) 28 May/mai 2004 (28.05.2004)
- (25) ko (26) en
- (30) 10-2003-0034799 30 May/mai 2003 KR (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • REMOTE UNIT FOR ADDING FREQUENCY ASSIGNMENTS TO A SEPARATION-TYPE BASE TRANSCEIVER STATION
• UNITE DISTANTE CONÇUE POUR AJOUTER DES ATTRIBUTIONS DE FREQUENCE A UNE STATION EMETTRICE-RECEPTRICE DE BASE DE TYPE A SEPARATION
- (71) UTStarcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubal-ub Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Jae Ick [KR/KR]; Jugong Apt. 1005-2502, 1120 Sanbon-dong, Gunpo-si Gyeonggi-do 435-040 (KR).
- (74) YOON, Jee Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04Q 7/32
- (11) WO 2004/107784 (13) A1
- (21) PCT/EP2004/004884
- (22) 7 May/mai 2004 (07.05.2004)
- (25) en (26) en
- (30) 03388042.8 28 May/mai 2003 EP (28.05.2003)
- (30) 60/476,329 6 Jun/juin 2003 US (06.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CELL SEARCH SCHEDULING IN A WIRELESS CELLULAR COMMUNICATION NETWORK
• PROGRAMMATION DE LA RECHERCHE DE CELLULES DANS UN

RESEAU DE COMMUNICATION CELLULAIRE SANS FIL

- (71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDOFF, Bengt [SE/SE]; Morkullevägen 45, S-237 36 Bjärred (SE). PALENIUS, Torgny [SE/SE]; Svalörtsvägen 10, S-246 50 Löddeköpinge (SE). ERICSSON, Anders [SE/SE]; Jöns Lars väg 5, S-247 32 Södra Sandby (SE).
- (74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ H04Q 7/32
- (11) WO 2004/107785 (13) A2
- (21) PCT/EP2004/005707
- (22) 27 May/mai 2004 (27.05.2004)
- (25) de (26) de
- (30) 103 24 636.3 28 May/mai 2003 DE (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR REROUTING DATA IN CASE OF UNREACHABILITY OF A MOBILE RADIO TERMINAL
• PROCEDE DE RETRANSMISSION DE DONNEES EN CAS DE NON-ACCESSIBILITE A UN TELEPHONE MOBILE
- (71) VODAFONE HOLDING GMBH [DE/DE]; Mannesmannufer 2, 40213 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LASINSKI, Gerald [DE/DE]; Oberkasseler Strasse 24, 40545 Düsseldorf (DE). CHRUSCHWITZ, Alexander [DE/DE]; Dammstrasse 19a, 50259 Pulheim (DE). GAUBA, Alok [IN/DE]; Dorfstrasse 15d, 40667 Meerbusch (DE). FUNKE, Stephan [DE/DE]; Eibenweg 3, 40880 Ratingen (DE). NOEVER, Stephan [DE/DE]; Adrian Wilhelm Weg 6, 47877 Willich (DE).
- (74) WEISSE, Jürgen et al. / etc.; PaE Weisse & Wolgast, Bökenbuschstr. 41, 42555 Velbert (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(u) for / pour US only / seulement; (u) for / pour
US only / seulement; (u) for / pour US only /
seulement; (u) for / pour US only / seulement;

(51)⁷ H04Q 7/32, 7/38, H04B 1/38

(11) WO 2004/107786 (13) A1

(21) PCT/FI2003/000419

(22) 28 May/mai 2003 (28.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • METHOD AND RADIO TERMINAL
EQUIPMENT ARRANGEMENT OF IN-
DICATING INCOMING CONNECTION

- PROCEDE ET AGENCEMENT
D'EQUIPEMENT DE TERMINAL RA-
DIO PERMETTANT DE SIGNALER
UNE CONNEXION ENTRANTE

- (71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) VALLSTRÖM, Jari [FI/FI]; Puulin-
nankatu 10 B 18, FIN-90570 Oulu (FI).
ELSILÄ, Anne [FI/FI]; Kivikkokankaantie
1, FIN-90240 Oulu (FI). RAITANEN, Sanna
[FI/FI]; Heikinkatu 17 A 2, FIN-90100 Oulu
(FI). LILJA, Harri [FI/FI]; Kallenranta 8,
FIN-90460 Oulunsalo (FI).

- (74) KOLSTER OY AB; Iso Roobertinkatu 23,
P.O. Box 148, FIN-00121 Helsinki (FI).

- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (Utility model / modèle d'utilité) (GH GM
KE LS MW MZ SD SL SZ TZ UG ZM ZW);
AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04Q 7/32, H04M 1/02

(11) WO 2004/107787 (13) A2

(21) PCT/GB2004/002296

(22) 28 May/mai 2004 (28.05.2004)

(25) en (26) en

(30) 0312435.1 30 May/mai 2003 GB
(30.05.2003)

(30) 0317885.2 30 Jul/juil 2003 GB
(30.07.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • COMMUNICATION HANDSET

- COMBINE DE DISPOSITIF DE COM-
MUNICATION

- (71) INQUAM (UK) LIMITED [GB/GB]; Parnell
House, 25 Wilton Road, London SW1V
1LW (GB).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) BATAILLARD, Christophe, Jean
[FR/GB]; 141 Gloucester Road, London
SW7 4TH (GB).

- (74) MURRAY, Elisabeth, Anne et al. / etc.;
Mathys & Squire, 100 Gray's Inn Road, Lon-
don WC1X 8AL (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04Q 7/32

(11) WO 2004/107788 (13) A1

(21) PCT/IB2004/001857

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 0312489.8 30 May/mai 2003 GB
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • TERMINAL SETTING CHANGE NOTI-
FICATION

- NOTIFICATION DE CHANGEMENT
DE REGLAGE D'UN TERMINAL

- (71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) TURCANU, Calin [RO/FI];
Strombergintie 8 E 125, FIN-00380 Helsinki
(FI). GLATZER, Hans-Mathias [DE/DE];
Crachtstrasse 41, 44229 Dortmund (DE).

- (74) WILLIAMS, David, John et al. / etc.; Page
White & Farrer, 54 Doughty Street, London
WC1N 2LS (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04Q 7/32

(11) WO 2004/107789 (13) A1

(21) PCT/JP2003/006716

(22) 28 May/mai 2003 (28.05.2003)

(25) ja (26) ja

(43) 9 Dec/déc 2004 (09.12.2004)

- (54) • MOBILE RADIO TERMINAL AND MOBILE RADIO TERMINAL CONTROL METHOD
- TERMINAL RADIO MOBILE ET PROCEDE DE COMMANDE DE TERMINAL RADIO MOBILE
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMURA, Yousuke [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MIYAZAKI, Toshiya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) ONO, Yukio et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) JP US.
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- (21) PCT/EP2004/050395
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) de (26) de
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR HANDLING PARAMETER CHANGES IN A MANAGEMENT NETWORK OF A CELLULAR COMMUNICATION SYSTEM, AND COMMUNICATION SYSTEM
- PROCEDE POUR TRAITER DES MODIFICATIONS PARAMETRIQUES DANS UN RESEAU DE GESTION D'UN SYSTEME DE COMMUNICATION CELLULAIRE ET SYSTEME DE COMMUNICATION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRSCH, Lucian [DE/DE]; Drachensestr. 3, 81373 München (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/107791 (13) A1
- (21) PCT/EP2004/005956
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 03076639.8 28 May/mai 2003 EP (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND SYSTEM FOR PLANNING AND EVALUATION OF RADIO NETWORKS
- PROCEDE ET SYSTEME DE PLANIFICATION ET D'EVALUATION DE RESEAUX RADIO
- (71) KONINKLIJKE KPN N.V. [NL/NL]; Stationsplein 7, NL-9726 AE Groningen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMFT, Sascha [DE/DE]; Burscheider Strasse 30, 40591 Düsseldorf (DE). OKDEMIR, Sinan [DE/DE]; Birkenstrasse 85, 40233 Düsseldorf (DE). RICKER, Volker [DE/DE]; Meertal 49, 41464 Neuss (DE).
- (74) WUYTS, Koenraad, Maria; Koninklijke KPN N.V., P.O. Box 95321, NL-2509 CH The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ H04Q 7/38, H04K 3/00
- (11) WO 2004/107792 (13) A2
- (21) PCT/CA2004/000794
- (22) 28 May/mai 2004 (28.05.2004)
- (25) en (26) en
- (30) 10/446,161 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • FLEXIBLE MOBILE BASE STATION
- STATION DE BASE MOBILE FLEXIBLE
- (71) RADICAL HORIZON INC. [CA/CA]; 1751 Richardson Street, Suite 8153, Montreal, Québec H3K 1G6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUNEAU, Louis [CA/CA]; 692 Filia-trault Street, Ville St-Laurent, Québec H4L 3V4 (CA).
- (74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/107793 (13) A1
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- (22) 28 May/mai 2004 (28.05.2004)
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- (30) 03138559.1 28 May/mai 2003 CN (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A METHOD OF PRIORITY ACCESSING FOR THE PRIORITY ACCESS AND CHANNEL ASSIGNMENT USER
- PROCEDE CONFERANT UN ACCES PRIORITAIRE A UN UTILISATEUR DE SERVICE D'ATTRIBUTION DE VOIES AVEC FIXATION DE PRIORITES D'ACCES
- (71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LI, Yunfei [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
- (74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No 10 Huayuan-Donglu, Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04Q 7/38
- (11) WO 2004/107794 (13) A1
- (21) PCT/EP2004/050887
- (22) 21 May/mai 2004 (21.05.2004)

- (25) en (26) en
 (30) 03253163.4 **21 May/mai 2003** EP
 (21.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR ESTABLISHING A CONNECTION IN A RADIO COMMUNICATIONS SYSTEM
 • PROCEDE D'ETABLISSEMENT D'UNE CONNEXION DANS UN SYSTEME DE RADIOCOMMUNICATION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EDWIN, Diana, Clare [GB/GB]; 97 Stanton Road, Regents Park, Southampton Hampshire SO15 4HU (GB). PROCTOR, Toby, Kier [GB/GB]; 43 Tasman Court, Southampton Hampshire SO14 3TP (GB). TRAYNARD, Jean-Michel [FR/DE]; Spicherenstr. 14, 81667 München (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04Q 7/38, H04M 3/42
- (11) WO 2004/107795 (13) A1
 (21) PCT/IB2004/001718
 (22) 26 May/mai 2004 (26.05.2004)
 (25) en (26) en
 (30) 2003/4248 **30 May/mai 2003** ZA
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- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AUTOMATIC DISCONNECT IN RINGING STATE OF CALL FROM USER WITH NO CREDIT
 • DECONNEXION AUTOMATIQUE PENDANT LA SONNERIE POUR UN APPEL PROVENANT D'UN UTILISATEUR QUI N'A PLUS DE CREDITS
- (71, 72) KAHN, Ari [ZA/ZA]; 41 22nd Street Parkhurst, 2193 Johannesburg (ZA).
- (74) DONALD, Heather, June et al. / etc.; Spoor & Fisher, PO Box 41312, 2024 Craighall (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/107797 (13) A1
 (21) PCT/JP2004/007178
 (22) 26 May/mai 2004 (26.05.2004)
 (25) ja (26) ja
 (30) 2003-150060 **28 May/mai 2003** JP
 (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04Q 7/38, H04B 7/216
- (11) WO 2004/107796 (13) A1
 (21) PCT/IB2004/001793
 (22) 31 May/mai 2004 (31.05.2004)
 (25) en (26) en
 (30) 10-2003-0034236 **29 May/mai 2003** KR
 (29.05.2003)
- (30) 10-2003-0055136 **8 Aug/août 2003** KR
 (08.08.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • APPARATUS AND METHOD FOR DETERMINING PUBLIC LONG CODE MASK IN A MOBILE COMMUNICATIONS SYSTEM
 • APPAREIL ET PROCEDE PERMETTANT DE DETERMINER UN MASQUE A LONG CODE PUBLIC DANS UN SYSTEME DE COMMUNICATION MOBILE
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AN, Jong Hoe [KR/KR]; 971-2 Hokye 3-dong, Dongan-ku, Anyang-shi, Kyonggi-do 431-849 (KR). KYUNG, Chan Ho [KR/KR]; Wookil APT., 104 Na-dong, Bukye 3-dong, Bupyoung-ku, Incheon 403-806 (KR). HAN, Kyojo Jin [KR/KR]; 506-801, Kongjak APT., 1587, Gwanyang-dong, Dongan-gu, Anyang-si, Kyeonggi-do 431-060 (KR).
- (74) BAHNG, Hae, Cheol et al. / etc.; Kims International Patent & Law Office, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04Q 11/00
- (11) WO 2004/107798 (13) A1
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 (22) 20 May/mai 2004 (20.05.2004)
 (25) en (26) en
 (30) 60/472,630 **22 May/mai 2003** US
 (22.05.2003)
- (30) 60/472,633 **22 May/mai 2003** US
 (22.05.2003)
- (30) 60/472,634 **22 May/mai 2003** US
 (22.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • OPTICAL BURST SWITCH NETWORK SYSTEM AND METHOD WITH JUST-IN-TIME SIGNALING
 • PROCEDE ET SYSTEME RESEAU A COMMUTATION OPTIQUE DE RAFALES AVEC SIGNALISATION JUSTE A TEMPS
- (71) MCNC RESEARCH & DEVELOPMENT INSTITUTE [US/US]; 3021 Cornwallis Road, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEVENSON, Daniel, S. [US/US]; 13107 Morehead Drive, Chapel Hill, NC 27517 (US). CASSADA, Mark, C. [US/US]; 3009 Rosena Court, Hillsborough, NC 27278

- (US). MEHROTRA, Pronita [IN/US]; 112-1D Bluebird Drive, Hillsborough, NJ 08844 (US).
- (74) FOGARTY, Michael, E. et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H04Q 11/04, H04J 3/16
- (11) WO 2004/107799 (13) A1
- (21) PCT/EP2004/050683
- (22) 3 May/mai 2004 (03.05.2004)
- (25) de (26) de
- (30) 10324605.3 30 May/mai 2003 DE (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD AND NETWORK ELEMENT FOR PROCESSING THE OVERHEAD DATA OF A TRANSPORT MODULE
- PROCEDE ET ELEMENT DE RESEAU POUR LE TRAITEMENT DE DONNEES SUPPLEMENTAIRES D'UN MODULE DE TRANSPORT
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIESTAND, Thomas [DE/DE]; Oberhausener Str. 9a, 85293 Reichertshausen (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04Q 11/04, H04L 12/56
- (11) WO 2004/107800 (13) A1
- (21) PCT/NZ2004/000113
- (22) 31 May/mai 2004 (31.05.2004)
- (25) en (26) en
- (30) 526227 29 May/mai 2003 NZ (29.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A METHOD OF RECOMBINING DATA UNITS
- PROCEDE DE RECOMBINAISON D'UNITES DE DONNEES
- (71) ENDACE TECHNOLOGY LIMITED [NZ/NZ]; 12 Knox Street, Hamilton 2001 (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRAHAM, Ian, David, Greenwood [NZ/NZ]; 82 Hillcrest Road, Hamilton 2001 (NZ).
- (74) WILSON, Kathryn, S. et al. / etc.; Level 9, James & Well Tower, 56 Cawley Street, Private Bag, 11907 Auckland (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04R
- (11) WO 2004/107801 (13) A2
- (21) PCT/US2004/003168
- (22) 3 Feb/fév 2004 (03.02.2004)
- (25) en (26) en
- (30) 10/446,298 28 May/mai 2003 US (28.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • AUDIO SPEAKER HAVING A REMOVABLE VOICE COIL
- HAUT-PARLEUR AUDIO POSSEDANT UNE BOBINE MOBILE AMOVIBLE
- (71) BOSTON ACOUSTICS, INC. [US/US]; 300 Jubilee Drive, Peabody, MA 01960 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINN, Aaron [US/US]; 18 Scituate Road, York, ME 03909 (US). BLACKMON, Leif [US/US]; 10 Hillcrest Road, Medfield, MA 02052-2108 (US).
- (74) WOLF, Douglas, R.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04R 1/02, B60R 11/02
- (11) WO 2004/107802 (13) A1
- (21) PCT/IB2004/001794
- (22) 2 Jun/juin 2004 (02.06.2004)
- (25) fr (26) fr
- (30) 03/06694 3 Jun/juin 2003 FR (03.06.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR REPRODUCING AUDIO SOUND IN A MOTOR VEHICLE, AND LOUDSPEAKER HOUSING THEREFOR
- PROCÉDÉ DE RESTITUTION DE SONS AUDIO DANS UN VÉHICULE AUTOMOBILE, ET ENCEINTE ACOUSTIQUE CORRESPONDANTE
- (71) FOCAL-JMLAB (SA) [FR/FR]; 108, rue de l'Avenir, Z.I. Molina La Chazotte, F-42350 La Talaudière (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BONNEVILLE, Guy [FR/FR]; 13, allée Bouveau, F-42100 Saint-Etienne (FR).
- (74) RICHEBOURG, Michel; Cabinet Michel Richebourg, "Le Clos du Golf", 69, rue Saint-Simon, F-42000 Saint-Etienne (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ H04R 1/10
- (11) WO 2004/107803 (13) A1
- (21) PCT/KR2003/001157
- (22) 12 Jun/juin 2003 (12.06.2003)
- (25) ko (26) en
- (30) 10-2003-0034605 30 May/mai 2003 KR (30.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • VIRTUAL MULTI-CHANNEL SPEAKER UNIT
- UNITE HAUT-PARLEUR MULTIVOIE VIRTUELLE
- (71, 72) SHIM, Soon-Teak [KR/KR]; 106-508, Lotte Apt. Nae-dong, Seo-gu, 302-181 Daejeon (KR).
- (74) PARK, Hyeong-Keun; Room No. 502, Jeongjin Bldg., 936-9 Bangbae 1(il)-dong, Seocho-gu, Seoul 137-844 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 1/28, 1/22, H04M 1/02

(11) WO 2004/107804 (13) A1

(21) PCT/IB2004/000083

(22) 14 Jan/jan 2004 (14.01.2004)

(25) en (26) en

(30) 10/449,523 30 May/mai 2003 US (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • REVERSE MOUNTED MICRO-SPEAKER ASSEMBLY AND MOBILE TERMINALS INCLUDING THE SAME
• ENSEMBLES FORMANT HAUT-PARLEUR MINIATURISE A MONTAGE INVERSE, ET TERMINAUX MOBILES LES COMPRENANT

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; Nya Vattentornet, S-221 88 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EATON, William, Chris [US/US]; 204 Wentbridge Road, Cary, NC 27519 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC, P.A.; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 1/40

(11) WO 2004/107805 (13) A1

(21) PCT/IB2004/002074

(22) 1 Jun/juin 2004 (01.06.2004)

(25) en (26) en

(30) 0312475.7 30 May/mai 2003 GB (30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SOUND CAPTURE APPARATUS
• APPAREIL D'ACQUISITION SONORE

(71) FLUX RESEARCH PTY LIMITED [AU/AU]; 29 Royalist Road, Mosman NSW 2088 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(71) JOHNSON, Terence, Leslie [GB/GB]; Marks & Clerk, Clifford's Inn, Fetter Lane, London EC4A 1BZ (GB).

(only for / seulement pour MG)

(72, 75) STAVROU, Michael, Paul [AU/AU]; c/o FLUX RESEARCH PTY LIMITED, 29 Royalist Road, Mosman NSW 2088 (AU).

(74) JOHNSON, Terence, Leslie et al. / etc.; Marks & Clerk, Clifford's Inn, Fetter Lane, London EC4A 1BZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04R 3/00, G10K 11/178

(11) WO 2004/107806 (13) A1

(21) PCT/GB2004/002361

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 0312567.1 2 Jun/juin 2003 GB (02.06.2003)

(30) 0329808.0 23 Dec/déc 2003 GB (23.12.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • AUDIO SYSTEM
• SYSTEME AUDIO

(71) FEONIC PLC [GB/GB]; 3F Newlands Science Park, Inglemire Lane, Hull, Humberside HU6 7TQ (GB). SMITH, Brian, Douglas [GB/GB]; 15 Fairlawn Avenue, Chiswick, London, Greater London W4 5EF (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASTON, Martin, Geoffrey [GB/GB]; 4 Pasture Close, Market Weighton, York, Yorkshire YO43 3QQ (GB).

(74) LOVEN, Keith, James; Quantum House, 30 Tentercroft Street, Lincoln, Lincolnshire LN5 7DB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04R 3/12, H04S 7/00

(11) WO 2004/107807 (13) A1

(21) PCT/JP2004/008008

(22) 2 Jun/juin 2004 (02.06.2004)

(25) ja (26) ja

(30) 2003/156768 2 Jun/juin 2003 JP (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ARRAY SPEAKER SYSTEM
• SYSTEME DE RESEAU DE HAUT-PARLEURS

(71) YAMAHA CORPORATION [JP/JP]; 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONAGAI, Yusuke [JP/JP]; c/o Yamaha Corporation, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 7/04, 1/02

(11) WO 2004/107808 (13) A2

(21) PCT/IB2004/050741

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101569.6 28 May/mai 2003 EP (28.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • DISPLAY SCREEN LOUDSPEAKER

- HAUT-PARLEUR ET ECRAN D'AFFICHAGE COMBINES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHOBLEN, Daniel, W., E. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DESTURA, Galileo, J., A. [PH/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DELDEN, Martinus, H., W., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) SCHRIJNEMAËKERS, Hubert, J., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ H04R 19/01
- (11) WO 2004/107809 (13) A1
- (21) PCT/JP2004/007090
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ja (26) ja
- (30) 2003-148918 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SOUND DETECTION MECHANISM
• MECANISME DE DETECTION SONORE
- (71) HOSIDEN CORPORATION [JP/JP]; 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka 5810071 (JP). TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-Chome, Minato-Ku, Tokyo 1078481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHBAYASHI, Yoshiaki [JP/JP]; 7-13, Chiyogaoka 1-chome, Nara-shi, Nara 6310045 (JP). YASUDA, Mamoru [JP/JP]; 11-2, Sakuragaoka-higashimachi

- 5-chome, Nishi-ku, Kobe-shi, Hyogo 6512225 (JP). SAEKI, Shinichi [JP/JP]; 6-11, Ogata 3-chome, Kashiwara-shi, Osaka 5820018 (JP). KOMAI, Masatsugu [JP/JP]; 3-16, Shoraiso, Nishinomiya-shi, Hyogo 6620822 (JP). KAGAWA, Kenichi [JP/JP]; c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 6600891 (JP).
- (74) KITAMURA, Shuichiro; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka 5310072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04R 19/01
- (11) WO 2004/107810 (13) A1
- (21) PCT/JP2004/007091
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ja (26) ja
- (30) 2003-148919 27 May/mai 2003 JP (27.05.2003)
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • SOUND DETECTING MECHANISM AND PROCESS FOR MANUFACTURING THE SAME
• MECANISME DE DETECTION SONORE ET PROCESSUS DE FABRICATION DE CE MECANISME
- (71) HOSIDEN CORPORATION [JP/JP]; 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka 5810071 (JP). TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-Chome, Minato-Ku, Tokyo 1078481 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) OHBAYASHI, Yoshiaki [JP/JP]; 7-13, Chiyogaoka 1-chome, Nara-shi, Nara 6310045 (JP). YASUDA, Mamoru [JP/JP]; 11-2, Sakuragaoka-higashimachi 5-chome, Nishi-ku, Kobe-shi, Hyogo 6512225 (JP). SAEKI, Shinichi [JP/JP]; 6-11, Ogata 3-chome, Kashiwara-shi, Osaka 5820018 (JP). KOMAI, Masatsugu [JP/JP]; 3-16, Shoraiso, Nishinomiya-shi, Hyogo 6620822 (JP). KAGAWA, Kenichi [JP/JP]; c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 6600891 (JP).
- (74) KITAMURA, Shuichiro; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka 5310072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH

- PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04S 7/00, H04R 3/12
 - (11) WO 2004/107811 (13) A1
 - (21) PCT/JP2004/007911
 - (22) 1 Jun/juin 2004 (01.06.2004)
 - (25) ja (26) ja
 - (30) 2003/156766 2 Jun/juin 2003 JP (02.06.2003)
 - (43) 9 Dec/déc 2004 (09.12.2004)
 - (54) • ARRAY SPEAKER SYSTEM
• SYSTEME DE HAUT-PARLEURS EN RESEAU
 - (71) YAMAHA CORPORATION [JP/JP]; 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) USUI, Akira [JP/JP]; c/o Yamaha Corporation, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).
 - (74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04S 7/00, H04R 3/12
 - (11) WO 2004/107812 (13) A1
 - (21) PCT/JP2004/007917
 - (22) 1 Jun/juin 2004 (01.06.2004)
 - (25) ja (26) ja
 - (30) 2003/156767 2 Jun/juin 2003 JP (02.06.2003)
 - (43) 9 Dec/déc 2004 (09.12.2004)
 - (54) • ARRAY SPEAKER SYSTEM
• SYSTEME DE HAUT-PARLEURS EN RESEAU
 - (71) YAMAHA CORPORATION [JP/JP]; 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) KONAGAI, Yusuke [JP/JP]; c/o Yamaha Corporation, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).

(74) **SHIGA, Masatake et al. / etc.**; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 3/03, 3/14, G02B 6/12**

(11) **WO 2004/107813** (13) A1

(21) PCT/JP2004/007738

(22) **28 May/mai 2004 (28.05.2004)**

(25) ja (26) ja

(30) 2003-153903 **30 May/mai 2003 JP (30.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RESISTANCE HEATER HAVING A THIN-LINE-SHAPED RESISTOR

• CORPS DE CHAUFFE A RESISTANCE PRESENTANT UNE RESISTANCE A LIGNE MINCE

(71) **NEC Corporation [JP/JP]**; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAHASHI, Morio [JP/JP]**; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) **IKEDA, Noriyasu**; The 3rd Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 3/34, G05D 23/19**

(11) **WO 2004/107814** (13) A1

(21) PCT/EP2004/005244

(22) **15 May/mai 2004 (15.05.2004)**

(25) de (26) de

(30) 103 24 941.9 **3 Jun/juin 2003 DE (03.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FLEXIBLE ELECTRICAL HEATING UNIT

• APPAREIL DE CHAUFFAGE ELECTRIQUE FLEXIBLE

(71) **BEURER GMBH & CO. [DE/DE]**; Söflinger Str. 218, 89077 Ulm (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERK, Ernst [DE/DE]**; Kohlstattstr. 3, 89264 Weissenhorn (DE).

(74) **FLECK, Hermann-Josef**; Klingengasse 2, 71665 Vaihingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H05B 3/34, A61L 9/16, A61K 7/46**

(11) **WO 2004/107815** (13) A1

(21) PCT/GB2004/002335

(22) **2 Jun/juin 2004 (02.06.2004)**

(25) en (26) en

(30) 0312553.1 **2 Jun/juin 2003 GB (02.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FUNCTIONAL HEATER FOR FORMED COMPONENTS

• ELEMENT CHAUFFANT FONCTIONNEL POUR COMPOSANTS MOULES

(71) **NEL TECHNOLOGIES LIMITED [GB/GB]**; Westway Industrial Park, Throckley, Newcastle Upon Tyne Tyne and Wear NE15 9HW (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERGUSON, Patrick [GB/GB]**; 22 Wenlock Drive, North Shields Tyne and Wear NE29 9HD (GB).

(74) **NAYLOR, Matthew et al. / etc.**; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 3/34, A61F 7/00**

(11) **WO 2004/107816** (13) A1

(21) PCT/GB2004/002346

(22) **2 Jun/juin 2004 (02.06.2004)**

(25) en (26) en

(30) 0312552.3 **2 Jun/juin 2003 GB (02.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • FUNCTIONAL THERAPEUTIC HEATER

• ELEMENT CHAUFFANT THERAPEUTIQUE FONCTIONNEL

(71) **NEL TECHNOLOGIES LIMITED [GB/GB]**; Westway Industrial Park, Throckley, Newcastle Upon Tyne Tyne and Wear NE15 9HW (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERGUSON, Patrick [GB/GB]**; 22 Wenlock Drive, North Shields Tyne and Wear NE29 9HD (GB).

(74) **NAYLOR, Matthew et al. / etc.**; Mewburn Ellis LLP, York House, 23 Kingsway, London Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 3/34, A43B 7/02, 17/00**

(11) **WO 2004/107817** (13) A1

(21) PCT/GB2004/002358

(22) **2 Jun/juin 2004 (02.06.2004)**

(25) en (26) en

(30) 0312550.7 **2 Jun/juin 2003 GB (02.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • HEATER ELEMENT FOR THE INNER SOLE OF A FOOTWEAR

• ELEMENT CHAUFFANT POUR SEMELLE INTERIEURE D'UN ARTICLE CHAUSSANT

(71) **NEL TECHNOLOGIES LIMITED [GB/GB]**; Westway Industrial Park, Throckley, Newcastle, Upon Tyne, Tyne and Wear NE15 9HW (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERGUSON, Patrick [GB/GB]**; 22 Wenlock Drive, North Shields, Tyne and Wear NE29 9HD (GB).

(74) **NAYLOR, Matthew et al. / etc.**; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H05B 3/34, A61L 9/16, A61K 7/46

(11) WO 2004/107818 (13) A1

(21) PCT/GB2004/002360

(22) 2 Jun/juin 2004 (02.06.2004)

(25) en (26) en

(30) 0312551.5 2 Jun/juin 2003 GB (02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • GARMENT INCORPORATING FUNCTIONAL ELECTRICAL CIRCUIT

• VETEMENT RENFERMANT UN CIRCUIT ELECTRIQUE FONCTIONNEL

(71) NEL TECHNOLOGIES LIMITED [GB/GB]; Westway Industrial Park, Throckley, Newcastle Upon Tyne, Tyne and Wear NE15 9HW (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FERGUSON, Patrick [GB/GB]; 22 Wenlock Drive, North Shields, Tyne and Wear NE29 9HD (GB).

(74) NAYLOR, Matthew et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 6/06, 6/02

(11) WO 2004/107819 (13) A1

(21) PCT/TR2003/000047

(22) 28 May/mai 2003 (28.05.2003)

(25) en (26) en

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • INDUCTION COOKTOP

• PLAN DE CUISSON PAR INDUCTION

(71) TUBITAK-BILTEN (TURKIYE BILIMSEL VE TEKNİK ARASTIRMA

KURUMU-BILGI TEKNOLOJILERI VE ELEKTRONİK ARASTIRMA ENSTITUSU) [TR/TR]; ODTU, ESKISEHIR YOLU, 06531 Ankara (TR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLAK, Baris [TR/TR]; ODTU, ESKISEHIR YOLU, 06531 Ankara (TR). ERTAN, H, Bulent [TR/TR]; ODTU, ESKISEHIR YOLU, 06531 Ankara (TR).

(74) PARAGON CONSULTANCY INC.; KOZA SOKAK, NO: 60/6, GOP, 06700 ANKARA (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ H05B 6/10, 6/36, C09J 5/00

(11) WO 2004/107820 (13) A1

(21) PCT/JP2003/015972

(22) 12 Dec/déc 2003 (12.12.2003)

(25) ja (26) ja

(30) 2003-154582 30 May/mai 2003 JP (30.05.2003)

(30) 2003-310457 2 Sep/sep 2003 JP (02.09.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PORTABLE ELECTROMAGNETIC INDUCTION HEATING DEVICE

• DISPOSITIF CHAUFFANT A INDUCTION ELECTROMAGNETIQUE PORTABLE

(71) TOKYO DENKI UNIVERSITY [JP/JP]; 2-2, Kanda-Nishikicho, Chiyoda-ku, Tokyo 101-8457 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OBATA, Shuji [JP/JP]; c/o Physics Laboratory Faculty of Science and Engineering, Tokyo Denki University, Hatoyamacho, Ishizaka, Hiki-Gun, Saitama 350-0394 (JP). TANIMITSU, Masataka [JP/JP]; c/o

Department of Electronic and Computer Engineering, Tokyo Denki University, Hatoyamacho, Ishizaka, Hiki-Gun, Saitama 350-0394 (JP). TOMITA, Hideo [JP/JP];

c/o Department of Electronic and Computer Engineering, Tokyo Denki University, Hatoyamacho, Ishizaka, Hiki-Gun, Saitama 350-0394 (JP). YOSHIMURA, Shinzo [JP/JP]; c/o Department of Electronic Computer Engineering, Tokyo Denki University, Hatoyamacho, Ishizaka, Hiki-Gun, Saitama 350-0394 (JP). SUZUKI, Kunihiko [JP/JP]; 46, Fukai 3-chome, Kitamoto-shi, Saitama 364-0001 (JP).

(74) TSUTSUI, Yamato et al. / etc.; Tsutsui & Associates, 3F, Azeria Bldg., 1-1, Nishi-shinjuku 8-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 33/22

(11) WO 2004/107821 (13) A1

(21) PCT/JP2004/007207

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-143213 21 May/mai 2003 JP (21.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ORGANIC ELECTROLUMINESCENT DISPLAY PANEL

• PANNEAU D'AFFICHAGE ELECTROLUMINESCENT ORGANIQUE

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo, 1538654 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYAKE, Takako [JP/JP]; c/o Corporate Research and Development Laboratories, Pioneer Corporation, 6-1-1, Fujimi, Tsurugashima-shi, Saitama, 3502288 (JP).

(74) FUJIMURA, Motohiko; Fujimura & Associates, Ginza-Ohno Bldg., 1-17, Tsukiji 4-chome, Chuo-ku, Tokyo, 1040045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H05B 33/22, 33/14, C09K 11/06

(11) WO 2004/107822 (13) A1

(21) PCT/JP2004/007444

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-153195 29 May/mai 2003 JP
(29.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • ORGANIC ELECTROLUMINESCENT
ELEMENT

• ELEMENT ELECTROLUMINESCENT
ORGANIQUE

(71) NIPPON STEEL CHEMICAL CO., LTD.
[JP/JP]; 21-11, Nishi Gotanda 7-chome, Shi-
nagawa-ku, Tokyo, 1410031 (JP). JAPAN
HYDRAZINE CO., INC. [JP/JP]; 1-1,
Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo,
1000011 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOSHITAKE, Osamu [JP/JP]; c/o
Research & Development Laboratories,
Nippon Steel Chemical Co., Ltd., 46-80,
Sakinohama, Oaza Nakabaru, Tobata-ku,
Kitakyushu-shi Fukuoka, 8048503 (JP).
MIYAZAKI, Hiroshi [JP/JP]; c/o Research
& Development Laboratories, Nippon Steel
Chemical Co., Ltd., 46-80, Sakinohama,
Oaza Nakabaru, Tobata-ku, Kitakyushu-shi
Fukuoka, 8048503 (JP). SAKAWA, Shinya
[JP/JP]; 8-25-1, Matsuhama, Niigata-shi, Ni-
igata, 9503126 (JP). YAMADA, Yu [JP/JP];
1-1, Uchisaiwaicho 2-chome, Chiyoda-ku,
Tokyo, 1000011 (JP).

(74) NARUSE, Katsuo et al. / etc.; TKK Nishish-
inbashi Bldg. 5th Floor, 11-5, Nishi-shinbashi
2-chome, Minato-ku, Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05B 41/292

(11) WO 2004/107823 (13) A2

(21) PCT/IB2004/050770

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03101592.8 2 Jun/juin 2003 EP
(02.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • CIRCUIT AND METHOD FOR OPERA-
TION OF A GAS DISCHARGE LAMP

• CIRCUIT ET PROCEDE POUR LE
FONCTIONNEMENT D'UNE LAMPE A
DECHARGE DE GAZ

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N. V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf DE US)

(72, 75) DEPPE, Carsten [DE/DE]; c/o Philips
Intellectual Property & Standards GmbH,
Weisshausstr. 2, 52066 Aachen (DE).
LÜRKENS, Peter [DE/DE]; c/o Philips
Intellectual Property & Standards GmbH,
Weisshausstr. 2, 52066 Aachen (DE).
HEUSLER, Gero [DE/DE]; c/o Philips
Intellectual Property & Standards GmbH,
Weisshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Prop-
erty & Standards GmbH, Weisshausstr. 2,
52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05H

(11) WO 2004/107824 (13) A2

(21) PCT/RU2004/000206

(22) 28 May/mai 2004 (28.05.2004)

(25) ru (26) ru

(30) 2003116082 30 May/mai 2003 RU
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • KOSHKIN ION ENGINE

• MOTEUR IONIQUE DE KOCHKINE

(71, 72) KOSHKIN, Valery Viktorovich
[RU/RU]; ul. Garibaldi, 21-6-55, Moscow,
117335 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05H 1/24, 1/46, H01L 21/31, 21/3065,
C01B 31/02, C23C 16/513

(11) WO 2004/107825 (13) A1

(21) PCT/JP2004/007380

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-155352 30 May/mai 2003 JP
(30.05.2003)

(30) 2003-155249 30 May/mai 2003 JP
(30.05.2003)

(30) 2003-155142 30 May/mai 2003 JP
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PLASMA SOURCE AND PLASMA
PROCESSING APPARATUS

• SOURCE DE PLASMA ET APPAREIL
DE TRAITEMENT DU PLASMA

(71) TOKYO ELECTRON LIMITED [JP/JP];
3-6, Akasaka 5-chome, Minato-ku, Tokyo
1078481 (JP). KATAGIRI ENGINEER-
ING CO., LTD. [JP/JP]; 37-12, Minamikase
5-chome, Saiwai-ku, Kawasaki-shi, Kana-
gawa 2120055 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) GOTO, Toshio [JP/JP]; 3-2110,
Goshikien, Nisshin-shi, Aichi 4700105 (JP).
HORI, Masaru [JP/JP]; 6-176, Fujitsuka,
Nisshin-shi, Aichi 4700100 (JP).

(72, 75) ISHII, Nobuo [JP/JP]; 5-2-2-1201,
Sumiyoshihigashimachi, Higashinada-ku,
Kobe-shi, Hyogo 6580052 (JP). DEN, Shoji
[JP/JP]; c/o KATAGIRI ENGINEERING
CO., LTD., 37-12, Minamikase 5-chome, Sai-
wai-ku, Kawasaki-shi, Kanagawa 2120055
(JP).

(74) YAMAKAWA, Masaki; c/o Yamakawa In-
ternational Patent Office, 8th Floor, Shuwa-
Tameike Building, 4-2, Nagatacho 2-chome,
Chiyoda-ku, Tokyo 1000014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05K

(11) WO 2004/107826 (13) A2

(21) PCT/US2004/015347

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/474,180 29 May/mai 2003 US
(29.05.2003)

(30) 10/737,421 16 Dec/déc 2003 US
(16.12.2003)

- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • MULTI FUNCTIONAL TIMEPIECE MODULE WITH APPLICATION SPECIFIC PRINTED CIRCUIT BOARDS
- MODULE TEMPOREL MULTIFONCTIONS COMPRENANT DES CARTES DE CIRCUIT IMPRIME A APPLICATION SPECIFIQUE
- (71) **TIMEX GROUP B.V.** [NL/NL]; Koningslaan 34, FIN-1075 AD Amsterdam (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PLANCON, Michel, G.** [FR/FR]; 10B Chemin des Justices, F-25000 Besançon (FR). **GALIE, Louis, M.** [US/US]; 141 Brushy Hill, Newtown, CT 06470 (US). **SCHWARTZ, Herbert** [DE/DE]; Luzernesstrasse 10, 75449 Wurmberg (DE). **STOTZ, Gerhard** [DE/DE]; Kirchsteige 43, 75239 Eisingen (DE). **BURKHARDT, Wolfgang** [DE/DE]; Landhausstr. 10, Ispringen 75228 (DE). **ZACHMANN, Helmut** [DE/DE]; IM Rueck 5, 75196 Remchingen (DE). **BURGHAEUSEN, Roland** [DE/DE]; IM Langendorf, Niefern 75223 (DE).
- (74) **SCHAIER, Arthur, G.**; Carmody & Torrance LLP, 50 Leavenworth Street, P.O. Box 1110, Waterbury, CT 06721-1110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05K
- (11) **WO 2004/107828** (13) A2
- (21) PCT/US2004/016384
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) en (26) en
- (30) 60/473,047 **22 May/mai 2003 US (22.05.2003)**
- (30) 10/850,794 **21 May/mai 2004 US (21.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • METHOD FOR SIMULATION OF ELECTRONIC CIRCUITS AND N-PORT SYSTEMS
- PROCEDE DE SIMULATION DE CIRCUITS ELECTRONIQUES ET DE SYSTEMES A N PORTS
- (71) **VERISILICA, INC.** [US/US]; 637 Linden Avenue, Los Altos, CA 94022 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SHAH, Sunil, C.** [US/US]; 637 Linden Avenue, Los Altos, CA 94022 (US).
- (74) **MALLIE, Michael, J. et al. / etc.**; Blakely Sokoloff Taylor & Zafman LLP, 12400 Wilshire Boulevard 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05K
- (11) **WO 2004/107827** (13) A2
- (21) PCT/US2004/015899
- (22) **20 May/mai 2004 (20.05.2004)**
- (25) en (26) en
- (30) 60/472,710 **22 May/mai 2003 US (22.05.2003)**
- (30) 10/849,478 **19 May/mai 2004 US (19.05.2004)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • CIRCUIT BOARD ASSEMBLY EMPLOYING SOLDER VENT HOLE
- ENSEMBLE CARTE DE CIRCUITS IMPRIMES UTILISANT UN ORIFICE D'AERATION DE BRASURE
- (71) **POWERWAVE TECHNOLOGIES, INC.** [US/US]; 1801 E. St. Andrew Place, Santa Ana, CA 92705 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WONG, Kenneth, Daryl** [US/US]; 116 Wellfleet Circle, Folsom, CA 95630 (US). **BELL, Sean, L.** [US/US]; 136 Chesterfield Way, Folsom, CA 95630 (US).
- (74) **HENTY, David, L.**; Myers Dawes Andras & Sherman LLP, 19900 MacArthur Blvd., Suite 1150, Irvine, CA 92612 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05K
- (11) **WO 2004/107829** (13) A2
- (21) PCT/US2004/016421
- (22) **24 May/mai 2004 (24.05.2004)**
- (25) en (26) en
- (30) 10/433,318 **22 May/mai 2003 US (22.05.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • A NOVEL PACKAGING METHOD FOR MICROSTRUCTURE AND SEMICONDUCTOR DEVICES
- NOUVEAU PROCEDE D'EMBALLAGE DESTINE A DES DISPOSITIFS A MICROSTRUCTURES ET A SEMI-CONDUCTEURS
- (71) **REFLECTIVITY, INC.** [US/US]; 350 Potrero Avenue, Sunnyvale, CA 94085 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TARN, Terry** [US/US]; 13670 Sparren Avenue, San Diego, CA 92129 (US).
- (74) **MUIR, Gregory, R.**; Reflectivity, Inc., 350 Potrero Avenue, Sunnyvale, CA 94085 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05K 1/02, 1/11, 3/40, 3/46, H01P 3/02
- (11) **WO 2004/107830** (13) A1
- (21) PCT/JP2004/007915
- (22) **1 Jun/juin 2004 (01.06.2004)**
- (25) ja (26) ja
- (30) 2003-156862 **2 Jun/juin 2003 JP (02.06.2003)**
- (43) 9 Dec/déc 2004 (09.12.2004)
- (54) • COMPACT VIA TRANSMISSION LINE FOR PRINTED CIRCUIT BOARD AND ITS DESIGNING METHOD
- LIGNE DE TRANSMISSION COMPACTE A TROUS D'INTERCONNEXION POUR CARTE A CIRCUITS IMPRIMES ET SON PROCEDE DE CONCEPTION
- (71) **NEC Corporation** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP). **NEC Electronics Corporation** [JP/JP]; 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, 2118668 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KUSHTA, Taras** [UA/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). **NARITA, Kaoru** [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP). **SAEKI, Takanori** [JP/JP]; c/o NEC Electronics Corporation 1753 Shimonumabe, Nakahara-ku, Kanagawa, 2118668 (JP). **KANEKO, Tomoyuki** [JP/JP]; c/o NEC Electronics Corporation 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, 2118668 (JP). **TOHYA, Hirokazu** [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP).

(74) **HAMADA, Haruo**; Wisdom House, 4-12, Minami-Aoyama 3-chome, Minato-ku, Tokyo 1070062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 3/00

(11) **WO 2004/107831** (13) A2

(21) PCT/IB2004/050818

(22) **1 Jun/juin 2004 (01.06.2004)**

(25) en (26) en

(30) 60/475,301 **3 Jun/juin 2003 US (03.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • A FABRIC INTERFACE

• INTERFACE SOUS FORME DE TISSU

(71) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARMAROPOULOS, George** [GR/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). **MAMA, Jack Kyr-iakos** [GB/GB]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). **VU, Giang Truong** [GB/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.**; c/o Aaron Waxler, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW

GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H05K 3/32, 3/34

(11) **WO 2004/107832** (13) A1

(21) PCT/US2004/015799

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10/443,277 **22 May/mai 2003 US (22.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • SOLDER FILLER

• MATERIAU D'APPORT DE BRASAGE

(71) **RF MICRO DEVICES, INC.** [US/US]; 7628 Thorndike Road, Greensboro, NC 27409 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **WALKER, Jeffrey, Scott**; 4914 Kacey Elaine Court, High Point, NC 27265 (US). **BULLIS, Joseph, Byron**; 500 Wildwood Lane, Graham, NC 27253 (US).

(74) **WITHROW, Benjamin, S.**; Withrow & Terranova, PLLC, P.O. Box 1287, Cary, NC 27512 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H05K 3/38

(11) **WO 2004/107833** (13) A1

(21) PCT/KR2004/000883

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) ko (26) en

(30) 10-2003-0034371 **29 May/mai 2003 KR (29.05.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • METHOD FOR MANUFACTURING COPPER FOIL FOR PRINTED CIRCUIT BOARD

• PROCÉDE DE FABRICATION DE FEUILLE DE CUIVRE POUR CARTE DE CIRCUIT IMPRIME

(71) **ILJIN COPPER FOIL CO., LTD.** [KR/KR]; #827, Palbong-dong, Iksan-si, Jeollabuk-do 570-998 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Sang-Bum** [KR/KR]; 816-503, Yeolmae Maeul, Noeun-dong, Yuseong-gu, Daejeon 305-768 (KR). **JEONG, Seung-Ryang** [KR/KR]; 103-305, Saetbyeol Apt. Wolpyeong 2-dong, Seo-gu, Daejeon 302-759 (KR).

(74) **LEE, Su-Chan**; Hwasung Int'l Patent & Law Firm, Rm. 402, Yegun Bldg., #823-42, Yoksam-dong, Gangnam-gu, Seoul 135-933 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H05K 3/42, C25D 21/18

(11) **WO 2004/107834** (13) A1

(21) PCT/EP2004/005874

(22) **1 Jun/juin 2004 (01.06.2004)**

(25) en (26) en

(30) 103 25 101.4 **3 Jun/juin 2003 DE (03.06.2003)**

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • PROCESS FOR FILING MICRO-BLIND VIAS

• PROCÉDE DE REMPLISSAGE DE MICRO-VIAS AVEUGLES

(71) **ATOTECH DEUTSCHLAND GMBH** [DE/DE]; Erasmustrasse 20, 10553 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ÖZKÖK, Akif** [TR/DE]; Müllerstrasse 65 A, 13349 Berlin (DE). **ROELFS, Bernd, Ottmar** [DE/DE]; Lindenallee 25, 14050 Berlin (DE). **IGEL, Oswald** [DE/DE]; Karl-Liebknecht-Strasse 100, 14612 Falkensee (DE). **GENTH, Herko** [DE/DE]; Feldstrasse 10, 13355 Berlin (DE). **MATEJAT, Kai-Jens** [DE/DE]; Lämmerweide 6, 16727 Vehllefanz (DE).

(74) **ALBRECHT, Thomas**; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H05K 5/02

(11) WO 2004/107835 (13) A1

(21) PCT/GB2004/002228

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0312666.1 3 Jun/juin 2003 GB
(03.06.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • IMPROVED HOUSING FOR ELECTRICAL APPARATUS

• BOITIER AMELIORE POUR APPAREIL ELECTRIQUE

(71) PACE MICRO TECHNOLOGY PLC [GB/GB]; Victoria Road, Saltaire, Shipley BD18 3LF (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Mark, Andrew [GB/GB]; Old Forge Cottage, Low Fold, Steeton, Keighley BD20 6RL (GB).

(74) BAILEY WALSH & CO LLP; 5 York Place, Leeds LS1 2SD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H05K 5/04

(11) WO 2004/107836 (13) A1

(21) PCT/KR2004/001226

(22) 22 May/mai 2004 (22.05.2004)

(25) ko (26) en

(30) 20-2003-0016528 27 May/mai 2003 KR
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • RACK FOR COMMUNICATION DEVICE

• BATI DE DISPOSITIF DE COMMUNICATION

(71) SAMWOO TELECOMMUNICATION CO., LTD [KR/KR]; 171, Dangjung-Dong, Gunpo-Shi, Kyounggi-Do 435-030 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Sang Beom [KR/KR]; 919-82, Shiheung-5-Dong, Keumcheon-Gu, Seoul 153-859 (KR).

(74) AHN, Young Kil; 3rd Fl., Seoan Bldg., 1552-10 Seocho-3-Dong, Seocho-Gu, Seoul 137-873 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 7/20

(11) WO 2004/107837 (13) A1

(21) PCT/JP2004/007793

(22) 28 May/mai 2004 (28.05.2004)

(25) ja (26) ja

(30) 2003-155045 30 May/mai 2003 JP
(30.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COOLING DEVICE

• DISPOSITIF DE REFROIDISSEMENT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAHARA, ShojiNANBA, Shuu

(74) MATSUDA, Masamichi; Shin-Osaka Ikushima bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 5320003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 13/08

(11) WO 2004/107838 (13) A1

(21) PCT/JP2004/007441

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 2003-148790 27 May/mai 2003 JP
(27.05.2003)

(43) 9 Dec/déc 2004 (09.12.2004)

(54) • COMPONENT MOUNTING SEQUENCE OPTIMIZING METHOD, COMPONENT MOUNTING DEVICE, PROGRAM FOR EXECUTING COMPONENT MOUNTING SEQUENCE OPTIMIZING METHOD, AND RECORDING MEDIUM IN WHICH THE PROGRAM IS RECORDED

• PROCEDE POUR OPTIMISER LE MONTAGE D'UN COMPOSANT, DISPOSITIF DE MONTAGE DE COMPOSANTS, PROGRAMME POUR EXECUTER CE PROCEDE D'OPTIMISATION DE MONTAGE DE COMPOSANTS, SUPPORT D'ENREGISTREMENT CONTENANT CE PROGRAMME

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAZAKI, TakuyaMAENISHI, YasuhiroYOSHIDA, IkuoYAMASAKI, Aki-hito

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)