

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) **Not classified / non classée**
- (11) **WO 02/39803** (13) A2
(21) PCT/US01/45747
(22) **24 Oct/oct 2001 (24.10.2001)**
(25) en (26) en
(30) 09/696,055 **25 Oct/oct 2000** US
(25.10.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● **SHORT CAVITY TUNABLE LASER WITH MODE POSITION COMPENSATION**
● **LASER ACCORDABLE A CAVITE COURTE, AVEC COMPENSATION DE LA POSITION DE MODE**
- (71) **AXSUN TECHNOLOGIES, INC.** [US/US]; 1 Fortune Drive, Billerica, MA 01821 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FLANDERS, Dale, C.** [US/US]; 15 Preston Road, Lexington, MA 02420 (US).
KUZNETSOV, Mark, E. [US/US]; 239 Lincoln Street, Lexington, MA 02421 (US).
- (74) **HOUSTON, J., Grant;** Axsun Technologies, Inc., 1 Fortune Drive, Billerica, MA 01821 (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51) **Not classified / non classée**
- (11) **WO 02/39804** (13) A2
(21) PCT/US01/47334
(22) **30 Oct/oct 2001 (30.10.2001)**
(25) en (26) en
(30) 09/702,074 **30 Oct/oct 2000** US
(30.10.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● **ANTI-PARALLEL TAG FLOW MEASUREMENT SYSTEM**
● **SYSTEME DE MESURE D'ECOULEMENT A ETIQUETTES ET A SENS DE PROPAGATION DE SIGNAUX ANTI-PARALLELES**
- (71) **PANAMETRICS, INC.** [US/US]; 221 Crescent Street, Waltham, MA 02453 (US).
- (72) **LIU, Yi;** 87 Hudson Road, Bolton, MA 01740 (US).
- (74) **FALKOFF, Michael, I.** et al. / etc.; Nutter, McClennen & Fish LLP, One International Place, Boston, MA 02110-2699 (US).
- (81) JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(s) for all designations / pour toutes les désignations
- (51)⁷ **A01G 9/10**
- (11) **WO 02/39805** (13) A1
(21) PCT/US01/43993
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,870 **14 Nov/nov 2000** US
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● **REMOVABLE PLANT CONTAINER AND METHOD OF USE**
● **CONTENEUR À PLANTES AMOVIBLE ET MODE D'UTILISATION**
- (71, 72) **BANHAGEL, Michael** [US/US]; 129 Loma Lane, Apt. B, San Clemente, CA 92672 (US).
- (74) **INSKEEP, James, W.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, 840 Newport Center Drive, Suite 700, Newport Beach, CA 92660-7007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A01H 1/04, 5/00, 5/10**
- (11) **WO 02/39807** (13) A1
(21) PCT/US01/44251
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,481 **14 Nov/nov 2000** US
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● **RESISTANCE TO GUMMY STEM BLIGHT IN MELON**
● **MELONS RÉSISTANTS À LA POURRI-TURE NOIRE**
- (71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).
- (72) **JAHN, Margaret, M.;** 120 Ludlowville Road, Lansing, NY 14882-8951 (US).
- (74) **GOLDMAN, Michael, L.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (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
- (54) ● **PLANT CONTAINER LINERS**
● **GARNITURES POUR RECIPIENTS DE CULTURE**
- (71) **THE CHRISTIAN CHURCH COMMUNITY TRUST** [NZ/NZ]; Heaphy Road, Lake Haupiri, Westland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JUST, Perry** [NZ/NZ]; Heaphy Road, Lake Haupiri, Westland (NZ).
- (74) **A J PARK;** CALHOUN, Douglas C., 6th Floor, Huddart Parker Building, Post Office Square, P O Box 949, 6015 Wellington (NZ) et al. / etc.
- (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A01G 9/20, B32B 9/02, 31/00**
- (11) **WO 02/39806** (13) A1
(21) PCT/NZ01/00239
(22) **29 Oct/oct 2001 (29.10.2001)**
(25) en (26) en
(30) 508156 **14 Nov/nov 2000** NZ
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)

RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.

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

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(51)⁷ A01H 5/00, C12N 15/09

(11) WO 02/39808 (13) A1

(21) PCT/AU01/01496

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) PR 1558 17 Nov/nov 2000 AU
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF ENHANCING VIRUS-RESISTANCE IN PLANTS AND PRODUCING VIRUS-IMMUNE PLANTS

• PROCEDE POUR RENFORCER LA RESISTANCE AUX VIRUS CHEZ DES PLANTES ET PRODUIRE DES PLANTES A IMMUNITE AUX VIRUS

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2601 (AU). DAIRY RESEARCH AND DEVELOPMENT CORPORATION [AU/AU]; Level 3, 80 William Street, Melbourne, Victoria 3000 (AU). AGRICULTURE VICTORIA SERVICES PTY LTD [AU/AU]; 475 Mickleham Road, Attwood, Victoria 3049 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHU, Paul, Wing, Gay [AU/AU]; 32/15 John Cleland Crescent, Florey, Australian Capital Territory 2615 (AU). GARRETT, Ronald, George [AU/AU]; 15 Yarra Street, Warrandyte, Victoria 3113 (AU). KALLA, Sten, Roger [SE/AU]; 9 Charteris Drive, East Ivanhoe, Victoria 3079 (AU). SPANGENBERG, German, Carlos [UY/AU]; 56 Arthur Street, Bundoorra, Victoria 3083 (AU). LARKIN, Philip, John [AU/AU]; 82 McInnes Street, Weston, Australian Capital Territory 2611 (AU). HIGGINS, Thomas, Joseph [IE/AU]; 71 Banambilla Street, Aranda, Australian Capital Territory 2614 (AU).

(74) SLATTERY, John et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A01H 5/00, C12N 15/00, 15/29, 15/82

(11) WO 02/39809 (13) A2

(21) PCT/CA01/01624

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/248,581 17 Nov/nov 2000 US
(17.11.2000)

(30) 60/306,415 20 Jul/juillet 2001 US
(20.07.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • REGULATION OF FLAVONOID EXPRESSION IN ALFALFA USING MAIZE REGULATORY GENES

• REGULATION DE L'EXPRESSION DE FLAVONOIDES DANS L'ALFALFA PAR UTILISATION DE GENES DE REGULATION DU MAIS

(71) AGRICULTURE AND AGRI-FOOD CANADA [CA/CA]; Saskatoon Research Centre, 107 Science Place, Saskatoon, Saskatchewan S7N 0X2 (CA).

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

(72, 75) GRUBER, Margaret, Y. [CA/CA]; 34 MacKenzie Cr., Saskatoon, Saskatchewan S7J 2R5 (CA). RAY, Heather [CA/CA]; 134-107 St. West, Saskatoon, Saskatchewan S7N 1P1 (CA). WESTCOTT, Neil [CA/CA]; 170 Mount Allison Crescent, Saskatoon, Saskatchewan S7H 4A5 (CA).

(74) BARTOSZEWICZ, Lola, A.; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K

(11) WO 02/39810 (13) A2

(21) PCT/IB01/02157

(22) 15 Nov/nov 2001 (15.11.2001)

(25) nl (26) en

(30) 1016611 15 Nov/nov 2000 NL
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM FOR TAGGING A BIOLOGICAL OBJECT AND FOR TAKING A SAMPLE OF THE BIOLOGICAL OBJECT

• SYSTEME DE MARQUAGE D'UN OBJET BIOLOGIQUE ET DE PRELEVEMENT D'UN ECHANTILLON DE L'OBJET BIOLOGIQUE

(71, 72) CAISLEY, Roy [GB/DE]; Am Kreuzberg 14 (Vehlingen), 46419 Isselburg (DE).

(74) BROOKHUIS, H., J., A.; Exter Polak & Charlois B.V., PO Box 3241, NL-2280 GE Rijswijk (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K 39/012

(11) WO 02/39811 (13) A1

(21) PCT/IB01/02159

(22) 15 Nov/nov 2001 (15.11.2001)

(25) nl (26) en

(30) 1016638 17 Nov/nov 2000 NL
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • FEED DISTRIBUTION SYSTEM FOR POULTRY

• SYSTEME D'ALIMENTATION POUR VOLAILLE

(71) ROXELL N.V. [BE/BE]; Industrielaan 13, B-9990 Maldegem (BE).

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

(72, 75) DE ROUCK, Danny [BE/BE]; Heidekasteeldreef 23, B-9290 Berlare (BE).

(74) RIEMENS, R., H.; Exter Polak & Charlois B.V., P.O. Box 3241, NL-2280 GE Rijswijk (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 41/00

(11) WO 02/39812 (13) A1

(21) PCT/NL01/00835

(22) 19 Nov/nov 2001 (19.11.2001)

(25) nl (26) en

(30) 1016636 17 Nov/nov 2000 NL
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND INSTALLATION FOR CONTROLLING THE TEMPERATURE IN A CONTROLLED-CLIMATE CHAMBER

- PROCEDE ET INSTALLATION POUR REGULER LA TEMPERATURE DANS UNE CHAMBRE A CLIMAT REGULE
- (71) **T. METER HOLDING B.V.** [NL/NL]; Houtvesterlaan 19, NL-3903 DH Veenendaal (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **METER, Tjitze** [NL/NL]; Houtvesterlaan 19, NL-3903 DH Veenendaal (NL).
- (74) **JORRITSMA, Ruurd** et al. / etc.; Nederlands Octrooibureau, Scheveningseweg 82, P.O. Box 29720, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 67/027, G01N 33/15, 33/50, C12N 15/12, C07K 16/42, 14/47**
- (11) **WO 02/39813** (13) A1
- (21) PCT/JP01/09951
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ja (26) ja
- (30) 2000-347392 **15 Nov/nov 2000 (15.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PD-1-LACKING MOUSE AND USE THEREOF
• SOURIS SANS PD-1 ET UTILISATION DE CELLE-CI
- (71) **ONO PHARMACEUTICAL CO., LTD.** [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **HONJO, Tasuku** [JP/JP]; 19-4, Ohsagi-cho, Iwakura, Sakyo-ku, kyoto-shi, Kyoto 606-0001 (JP).
- (72, 75) **NISHIMURA, Hiroyuki** [JP/US]; 400 Brooklin Avenue Apt. 24A, Boston, MA 02215-5409 (US).
- (74) **OHIE, Kunihisa**; OHIE Patent Office, Horiguchi No. 2 Bldg. 7F, 2-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI
- FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01M 7/00, B05B 12/02, G05D 7/06**
- (11) **WO 02/39814** (13) A1
- (21) PCT/ES01/00413
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) es (26) es
- (30) P 200002753 **16 Nov/nov 2000 (16.11.2000)** ES
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR FLOW RATE REGULATION IN A HYDRAULIC PHYTOSANITARY PRODUCT SPRAYING DEVICE
• PROCEDE ET DISPOSITIF DE REGLAGE DU DEBIT D'UN EQUIPEMENT DE PULVERISATION HYDRAULIQUE DE PRODUITS PHYTOSANITAIRES
- (71, 72) **JUSTRIBO BARADAD, Antonio** [ES/ES]; Rambla Generalitat, 1, E-25100 Almacelles (ES).
- (72, 75) **PALACIN ROCA, Jordi** [ES/ES]; Ctra. Nacional, 240 Km. 110, E-25100 Almacelles (ES). **ZANUY FONTANET, Carles** [ES/ES]; Ctra. Nacional, 240 Km. 110, E-25100 Almacelles (ES). **ARNO SATORRA, Jaume** [ES/ES]; Ctra. Nacional, 240 Km. 110, E-25100 Almacelles (ES).
- (74) **MANRESA VAL, Manuel**; Rambla Catalunya, 32, E-08007 Barcelona (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01N 37/10, C07C 69/614**
- (11) **WO 02/39815** (13) A1
- (21) PCT/GB01/05067
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 0028164.2 **18 Nov/nov 2000 (18.11.2000)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOSITIONS FOR, AND A METHOD OF, EXTERMINATING PESTS USING ALKYL ESTERS OF BENZENEPROPIONIC ACID
• COMPOSITIONS ET METHODES POUR EXTERMINER DES INSECTES OU ANIMAUX NUISIBLES AU MOYEN D'ALKYLESTERS D'ACIDE BENZENE-PROPIONIQUE
- (71) **LOVESGROVE RESEARCH LIMITED** [GB/GB]; Unit 2, Dyfi Eco-Park, Machynlleth, Powys SY20 8AX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GARNETT, David, John** [GB/GB]; Rose Cottage, Goginian, Aberystwyth, Ceredigion SY23 3NY (GB).
- (74) **ROYSTONS**; Tower Building, Water Street, Liverpool L3 1BA (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01N 43/24, C07D 327/10**
- (11) **WO 02/39816** (13) A1
- (21) PCT/AU01/01505
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) PR 1584 **20 Nov/nov 2000 (20.11.2000)** AU
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMPROVED ENDOSULFAN FORMULATION AND METHODS OF USE THEREOF
• FORMULATION AMELIOREE D'ENDOSULFANE ET SES PROCEDES D'UTILISATION
- (71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2601 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUTHERLAND, Tara, Deane** [AU/AU]; 26 Burnside Street, Watson, Australian Capital Territory 2602 (AU). **LACEY, Michael, James** [AU/AU]; 41 Glasgow Street, Hughes, Australian Capital Territory 2605 (AU). **RUSSELL, Robyn, Joyce** [AU/AU]; 28 Sullivan Crescent, Wannassa, Australian Capital Territory 2903 (AU). **OAKESHOTT, John, Graham** [AU/AU]; 28 Sullivan Crescent, Wannassa, Australian Capital Territory 2903 (AU).
- (74) **FB RICE & CO**; 139 Rathdowne Street, CARLTON, Victoria 3053 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU

- TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01N 43/64 // (A01N 43/64, 25:14)**
 (11) **WO 02/39817** (13) A1
 (21) PCT/IE01/00143
 (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) en (26) en
 (30) 20000924 **16 Nov/nov 2000 IE (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SANITIZING COMPOSITION CONTAINING CHLORINATED ISOCYANURATE FOR IN-OVO INJECTION EQUIPMENT
 ● COMPOSITION DESINFECTANTE A TENEUR EN ISOCYANURATE CHLORE POUR APPAREIL D'INJECTION IN OVO
- (71) **INFOWISE LIMITED** [IE/IE]; Whitemill Industrial Estate, Wexford (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EDMONDSON, Paul, Stephen** [GB/IE]; Sea Breeze, Coxtown, Dunmore East, County Waterford (IE).
- (74) **O'BRIEN, John, A.** et al. / etc.; c/o John A. O'Brien & Associates, Duncairn House, 3rd Floor, 14 Carysfort Avenue, Blackrock, County Dublin (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A21B 1/48, B65G 15/38**
 (11) **WO 02/39818** (13) A1
 (21) PCT/IT00/00461
 (22) **14 Nov/nov 2000 (14.11.2000)**
 (25) en (26) en
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● CONVEYOR BELT FOR TUNNEL OVENS
 ● TAPIS ROULANT POUR FOUR TUNNEL
- (71) **SA.CAR FORNI SRL.** [IT/IT]; Via S. Alende, 28, I-84081 Baronissi (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CAROCCIA, Saverio** [IT/IT]; Via G. D'Avossa, 4, I- Salerno (IT).
- (81) AL AU BG BR CA CH CN CU CZ HR HU ID IL IN JP KP MA MX NO NZ PL RO SE SG SI SK TR UA US VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
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- (51)⁷ **A21C 15/04**
 (11) **WO 02/39819** (13) A1
 (21) PCT/JP01/09900
 (22) **13 Nov/nov 2001 (13.11.2001)**
 (25) en (26) en
 (30) 2000-347220 **14 Nov/nov 2000 JP (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● APPARATUS FOR MAKING A FOOD PRODUCT
 ● APPAREIL DE FABRICATION DE PRODUITS ALIMENTAIRES
- (71) **RHEON AUTOMATIC MACHINERY CO., LTD.** [JP/JP]; 2-3, Nozawa-machi, Utsunomiya-shi, Tochigi 320-0071 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORITO, Toshimitsu** [JP/JP]; c/o Rheon Automatic Machinery Co., Ltd., 2-3, Nozawa-machi, Utsunomiya-shi, Tochigi 320-0071 (JP). **SAKAI, Yoshitaka** [JP/JP]; c/o Rheon Automatic Machinery Co., Ltd., 2-3, Nozawa-machi, Utsunomiya-shi, Tochigi 320-0071 (JP).
- (74) **YAMASAKI, Yukuzo** et al. / etc.; Yamasaki Law and Patent Office, Sogo Nagatacho Bldg. 8F, 11-28, Nagatacho 1-chome, Chiyoda-ku, Tokyo 100-0014 (JP).
- (81) AT CH DE ES GB SE US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A21D 2/18, 13/00, A23G 9/02**
 (11) **WO 02/39820** (13) A2
 (21) PCT/US01/49561
 (22) **23 Oct/oct 2001 (23.10.2001)**
 (25) en (26) en
 (30) 09/694,927 **24 Oct/oct 2000 US (24.10.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● FOOD PRODUCT WITH ENHANCED CRISPINESS
 ● PRODUIT ALIMENTAIRE A TEXTURE CROUSTILLANTE AMELIOREE
- (71) **THE PILLSBURY COMPANY** [US/US]; 200 South Sixth Street, MS 37J1, Minneapolis, MN 55402-1464 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUANG, Victor, T.** [US/US]; 7309 Parkview Drive, Moundsview, MN 55112 (US). **PANDA, Fern, A.** [US/US]; 1698 - 17th Avenue N.W., New Brighton, MN 55112 (US). **ROSENWALD, Diane, Rae** [US/US]; 4255 Cottonwood Lane North, Plymouth, MN 55441 (US). **CHIDA, Kamel** [US/US]; 5205 Birchcrest Drive, Edina, MN 55436 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A22B 7/00, A22C 17/08**
 (11) **WO 02/39821** (13) A1
 (21) PCT/DK01/00009
 (22) **8 Jan/jan 2001 (08.01.2001)**
 (25) da (26) en
 (30) PA 2000 01671 **10 Nov/nov 2000 DK (10.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SYSTEM FOR TREATMENT OF CARCASS HALVES WITH HOT WATER ON A SLAUGHTER LINE
 ● SYSTEME DE TRAITEMENT D'UNE DEMI-CARCASSE A L'EAU CHAUDE SUR UNE CHAINE D'ABATTAGE
- (71) **SLAGTERIERNES FORSKNINGSSINSTITUT** [DK/DK]; Maglegaardsvej 2, DK-4000 Roskilde (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JENSEN, Torben** [DK/DK]; Egevaenget 10, DK-4130 Viby Sj. (DK). **TEILMANN, Jens** [DK/DK]; Bekkasvej 12, Himmelev, DK-4000 Roskilde (DK).
- (74) **SLAGTERIERNES FORSKNINGSSINSTITUT**; Maglegaardsvej 2, DK-4000 Roskilde (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A23F 3/16, A23L 2/02**
 (11) **WO 02/39822** (13) A2
 (21) PCT/JP01/10043
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 2000-350712 **17 Nov/nov 2000 JP (17.11.2000)**
 (30) 2001-46224 **22 Feb/fév 2001 JP (22.02.2001)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PACKAGED BEVERAGES
● BREUVAGES SOUS EMBALLAGE
- (71) **KAO CORPORATION** [JP/JP]; 14-10, NIHONBASHIKAYABACHO 1-CHOME, CHUO-KU, Tokyo 103-8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **INAOKA, Setsujiro** [JP/JP]; C/O KAO CORPORATION RESEARCH LABORATORIES, 1-3, BUNKA 2-CHOME, SUMIDA-KU, Tokyo 131-8501 (JP). **IWASAKI, Masaki** [JP/JP]; C/O KAO CORPORATION RESEARCH LABORATORIES, 1-3, BUNKA 2-CHOME, SUMIDA-KU, Tokyo 131-8501 (JP). **OHISHI, Susumu** [JP/JP]; C/O KAO CORPORATION RESEARCH LABORATORIES, 1-3, BUNKA 2-CHOME, SUMIDA-KU, Tokyo 131-8501 (JP). **OGURA, Yoshikazu** [JP/JP]; C/O KAO CORPORATION RESEARCH LABORATORIES, 1-3, BUNKA 2-CHOME, SUMIDA-KU, Tokyo 131-8501 (JP).
- (74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Bldg., 3-6, NIHONBASHININGYOCHO 1-CHOME, CHUO-KU, Tokyo 103-0013 (JP).
- (81) CN US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A23G 3/20, 3/00**
- (11) **WO 02/39823** (13) A2
- (21) PCT/EP01/13048
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) en (26) en
- (30) 09/712,265 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 09/939,892 **27 Aug/août 2001 US (27.08.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PROCESS FOR MOLDING LAMINATED CANDY AND RESULTANT PRODUCTS THEREOF
● PROCEDE DE MOULAGE D'UN BONBON STRATIFIE ET PRODUITS OBTE-NUS SELON LEDIT PROCEDE
- (71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, ch-1800 Vevey (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZERBY, Christine** [US/US]; 4500 Township Road 21, Marengo, OH 43334 (US). **MAKELA, Brian** [US/US]; 6173 Craughwell Lane, Dublin, OH 43017 (US). **MAC DONALD, Ronald, Paul, Duffell** [CA/US]; 17819 Brown School Road, Marysville, OH 43040-9210 (US).
- (74) **PATE, George, Frederick**; 55, avenue Nestlé, CH-1800 Vevey (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU

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

(51)⁷ **A23G 9/00, B67D 5/62, A23L 3/36**

(11) **WO 02/39824** (13) A1

(21) PCT/US01/45432

(22) **1 Nov/nov 2001 (01.11.2001)**

(25) en (26) en

(30) 60/245,075 **1 Nov/nov 2000 US (01.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● FROZEN BEER PRODUCT, METHOD AND APPARATUS

● PRODUIT DE BIERE CONGEELEE, PROCEDE ET APPAREIL

(71) **MANITOWOC FOODSERVICE COMPANIES, INC.** [US/US]; P.O. Box 3537, Sparks, NV 89432 (US).

(72) **GIROUX, Mark, S.**; 70 East Sherwood Drive, St. Louis, MO 63114 (US). **TREWHELLA, Joseph, M.**; 5008 Cavalier Court, Godfrey, IL 62035 (US). **GOODSON, Darryl, Alan**; 4001 Steffens Avenue, St. Louis, MO 63116 (US).

(74) **SHURTZ, Steven, P.**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AU NZ.

Published / Publiée : (c)

(51)⁷ **A23K**

(11) **WO 02/39825** (13) A2

(21) PCT/US01/45680

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) en (26) en

(30) 09/706,001 **3 Nov/nov 2000 US (03.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MIXED CULTURES FOR IMPROVED FERMENTATION AND AEROBIC STABILITY OF SILAGE

● CULTURES MIXTES DESTINEES A AMELIORER LA FERMENTATION ET LA STABILITE AEROBIE DE L'ENSILAGE

(71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).

(72) **CHAN, Russell, Kuo-fu**; 4735 80th Place, Urbandale, IA 50322 (US). **DENNIS, Scott**; 8120 Valdez Circle, Urbandale, IA 50322 (US). **HARMAN, Elizabeth, K.**; Rural Route 1, 1099 N.E. 134th Avenue, Alleman, IA 50007 (US). **RUTHERFORD, William**; 4608 Merced, Des Moines, IA 50310 (US). **SMILEY, Brenda**; 10770 N.W. 103rd Court, Granger, IA 50109 (US).

(74) **RAN, David, B.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A23K 1/10**

(11) **WO 02/39826** (13) A1

(21) PCT/AU01/01474

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) PR 1527 **15 Nov/nov 2000 AU (15.11.2000)**

(30) 60/286,341 **26 Apr/avr 2001 US (26.04.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● DECONTAMINATION OF ANIMAL FEED CONTAINING PRION (eg. BSE agent).

● DECONTAMINATION D'ALIMENTS POUR ANIMAUX CONTENANT DES PRIONS (P.EX. UN AGENT BSE)

(71) **AUSTECH STERILE RESOURCE RECOVERY PTY LTD** [AU/AU]; 6 Bell Street, Toowoomba, Queensland 4350 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEMP, Philip, William** [AU/AU]; Carnarvon, Derreen Road, Warwick, Queensland 4370 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A23K 1/16, 1/00**

(11) **WO 02/39827** (13) A1

(21) PCT/EP01/13117

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) de (26) de

(30) 100 56 345.7 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • FEEDSTUFF

• PRODUIT ALIMENTAIRE POUR ANIMAUX

(71) **J. RETTENMAIER & SÖHNE GMBH + CO. KG** [DE/DE]; Holzmühle 1, 73494 Rosenberg (DE).

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

(72, 75) **BACKERS, Thomas** [DE/DE]; Unterkausen 3, 73494 Rosenberg (DE).

(74) **KÖNIG PALGEN SCHUMACHER KLUIN**; Lohengrinstrasse 11, 40549 Düsseldorf (DE).

(81) AE AT AU BA BG BR BY CA CH CN CO CR CZ DE DK EC EE ES FI GB HR HU ID IL IN JP LT MX NO NZ PH PL PT RO RU SE SK TR UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **A23L**

(11) **WO 02/39828** (13) A2

(21) PCT/IB01/02755

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 0028119.6 **17 Nov/nov 2000 GB (17.11.2000)**

(30) 60/256,902 **19 Dec/déc 2000 US (19.12.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD

• PROCEDE

(71) **DANISCO A/S** [DK/DK]; Langebrogade 1, P.O. Box 17, DK-1001 Copenhagen K (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOE, Jørn, Borch** [DK/DK]; Orøvænget 11, DK-8381 Tilst (DK). **PETERSEN, Lars, Wexøe** [DK/US]; S. 75 W 13863 Bluhm Court, Muskego, WI 53150 (US).

(74) **ALCOCK, David** et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A23L**

(11) **WO 02/39829** (13) A2

(21) PCT/US01/50184

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) en (26) en

(30) 60/241,920 **20 Oct/oct 2000 US (20.10.2000)**

(30) 09/874,885 **5 Jun/juin 2001 US (05.06.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SEAFOOD PRESERVATION PROCESS
• PROCEDE DE CONSERVATION DE FRUITS DE MER

(71, 72) **OLSON, Blane, E.** [US/US]; 1073 Trailridge Place, Dunwoody, GA 30338 (US). **BRINSMADE, Douglas, B.** [US/US]; 1245 Spalding Drive, Atlanta, GA 30350 (US).

(74) **THOMAS, George, M.**; Thomas, Kayden, Horstemeyer & Risley LLP, Suite 100, 100 Galleria Parkway NW, 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A23L 1/03, 1/16, A21D 2/14**

(11) **WO 02/39830** (13) A1

(21) PCT/JP01/09884

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) ja (26) ja

(30) 2000-349626 **16 Nov/nov 2000 JP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • VISCOSITY DEPRESSANT FOR FOOD
• REDUCTEUR DE VISCOSITE POUR ALIMENTS

(71) **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAMURA, Tomoyasu** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).

(74) **NOGAWA, Shintaro**; MINAMIMORI-MACHI PARK BLDG., 1-3, Nishitenma

5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) CA JP KR US.

(84) EP (AT BE CH DE DK ES FI FR GB GR IE IT LU NL PT SE).

(51)⁷ **A23L 1/211, 1/20**

(11) **WO 02/39831** (13) A1

(21) PCT/IB01/02140

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 2000/6635 **15 Nov/nov 2000 ZA (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD FOR PRODUCING PROTEIN POWDER FROM LEGUMES

• PROCEDE DE PRODUCTION D'UNE POUDRE PROTEINEE A PARTIR DE LEGUMINEUSES

(71) **CHEMICAL CONSULTANTS (PTY) LTD** [ZA/ZA]; 87 River Road, Bryanston, 2021 Gauteng (ZA).

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

(72, 75) **MARAIS, Pierre, Guillaume** [ZA/ZA]; 87 River Road, Bryanston, 2021 Gauteng (ZA).

(74) **GILSON, David, Grant** et al. / etc.; Spoor and Fisher, P.O. Box 41312, 2024 Craighall (ZA).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **A23L 1/236, C07H 15/04, A61K 9/20**

(11) **WO 02/39832** (13) A1

(21) PCT/NL00/00843

(22) **17 Nov/nov 2000 (17.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • USE OF LACTITOL FOR IMPROVING INTESTINAL MICROFLORA

• UTILISATION DE LACTITOL POUR AMELIORER LA MICROFLORE INTESTINALE

(71) **PURAC BIOCHEM B.V.** [NL/NL]; P.O. Box 21, NL-4200 AA Gorinchem (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROKX, Saskia** [NL/NL]; Havenstraatse Wal 2e, NL-2871 EP Schoonhoven (NL). **MESTERS, Paules, Hubertus, Joseph** [NL/NL]; Meliestraat 10a, NL-5251 EH Vlijmen (NL).

(74) **JORRITSMA, Ruurd** et al. / etc.; Nederlands Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A23L 1/24, 1/39**

(11) **WO 02/39833** (13) A1

(21) PCT/EP01/13447

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 00125190.9 **20 Nov/nov 2000 (20.11.2000)** EP

(30) 00128339.9 **22 Dec/déc 2000 (22.12.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) ● OIL-IN-WATER FOODSTUFF EMULSION OF THE MAYONNAISE TYPE HAVING A REDUCED FAT LEVEL, AND A PROCESS FOR ITS PREPARATION

● EMULSION ALIMENTAIRE DE TYPE AQUEUX, DU GENRE MAYONNAISE, A TENEUR LIPIDIQUE REDUITE, ET SON PROCEDE DE FABRICATION

(71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).

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

(72, 75) **OBERACKER, Thomas** [DE/DE]; Am Schlossweiher 4, 84577 Tüßling (DE). **SCHROEDER, Volker** [DE/DE]; Am Schlossweiher 6, 84577 Tüßling (DE).

(74) **ANDRAE, Steffen**; Andrae Flach Haug, Balanstrasse 55, 81541 München (DE) et al. / etc.

(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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/29, 1/302, 1/304, A61K 35/74, A23L 1/03, A23C 9/123, A23L 1/0528**

(11) **WO 02/39834** (13) A1

(21) PCT/EP01/13302

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0027761.6 **14 Nov/nov 2000 (14.11.2000)** GB

(43) 23 May/mai 2002 (23.05.2002)

(54) ● NUTRITIONAL COMPOSITION FOR AN IMMUNE CONDITION

● COMPOSITION NUTRITIONNELLE DESTINEE A UNE MALADIE IMMUNITAIRE

(71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).

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

(72, 75) **SPIVEY-KROBATH, Evelyn** [AT/CH]; La Carrougeoise, CH-1084 Carrouge (CH).

CAVADINI, Claude [CH/CH]; Chemin du Levant 3, CH-1185 Mont-Sur-Rolle (CH). **HASCHKE, Ferdinand** [AT/ZA]; P.O. Box 50616 Nestlé, Hendrik Verwoerd Drive, 2125192 Randburg (ZA). **JAUSSAN, Veronique** [FR/FR]; 4, allée Felix Nadar, F-94300 Vincennes (FR). **SCHIFFRIN, Eduardo** [AR/CH]; Chemin de Riant-Mont 17, CH-1023 Crissier (CH).

(74) **LOCK, Graham, James**; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/304, A61K 31/70, 47/26**

(11) **WO 02/39835** (13) A1

(21) PCT/EP01/13437

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 0028238.4 **20 Nov/nov 2000 (20.11.2000)** GB

(43) 23 May/mai 2002 (23.05.2002)

(54) ● INDIGESTIBLE OLIGOSACCHARIDES AND MAGNESIUM ABSORPTION IN HUMANS

● OLIGOSACCHARIDES NON DIGESTIBLE ET ABSORPTION DU MAGNESIUM CHEZ L'HUMAIN

(71) **CERESTAR HOLDING B.V.** [NL/NL]; Nijverheidsstraat 1, P.O. Box 9, NL-4551 LA Sas van Gent (NL).

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

(72, 75) **BROUNS, Fredericus, Johannes, Petrus, Henricus** [NL/NL]; Sibberkerstraat 38, NL-6301 Valkenberg (NL). **BORNET, Francis, Robert, Joseph** [FR/FR]; 122, avenue du Maine, F-75014 Paris (FR). **COUDRAY, Charles** [FR/FR]; 15 rue

Alexandre Geneix, F-63100 Clermont-Ferrand (FR). **RAYSSIGUIER, Yves, Georges** [FR/FR]; 9, rue Jacques Prevert, Saulzet Le Chaud, F-63540 Romagnat (FR).

(74) **WILKINSON, Stephen, John**; Stevens Hewlett & Perkins, 1 St Augustine's Place, Bristol BS1 4UD (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW ZY.

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(u) for / pour US only / seulement

(51)⁷ **A23L 2/38, A23F 3/00**

(11) **WO 02/39836** (13) A1

(21) PCT/JP01/09853

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) ja (26) ja

(30) 2000-348163 **15 Nov/nov 2000 (15.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCESS FOR PRODUCING JUICE FROM BUCKWHEAT BUDS AND FLOWERS

● PROCEDE DE PREPARATION DE JUS A PARTIR DE BOURGEONS ET DE FLEURS DE SARRASIN

(71, 72) **YANAGISAWA, Kikuji** [JP/JP]; 1628, Ooaza Nakano, Nakano-shi, Nagano 383-0013 (JP).

(74) **WATANUKI, Takao**; CreA Center Bldg., 12-9, Nakagoshō 3-chome, Nagano-shi, Nagano 380-0935 (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 KE KG 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **A23P 1/08, A21C 11/00, A21D 13/00, A23G 3/20, A23P 1/10**

(11) **WO 02/39837** (13) A1

(21) PCT/EP01/12916

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) de (26) de

(30) 100 56 348.1 **14 Nov/nov 2000 (14.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND DEVICE FOR USING FREELY BAKEABLE DOUGH TO MAKE A SHELL-SHAPED FOODSTUFF AND FOODSTUFF PRODUCED THEREWITH

- PROCEDE ET DISPOSITIF D'OBTENTION D'UN PRODUIT ALIMENTAIRE EN FORME DE COQUILLE A PARTIR D'UNE PATE PRETE A METTRE AU FOUR, ET PRODUIT ALIMENTAIRE AINSI OBTENU

(71) **MARS INCORPORATED** [US/US]; 6885 Elm Street, McLean, VA 22101-388 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÖHLENBROCK, Peter** [DE/DE]; Fasanenstrasse 1, 41751 Viersen (DE).
JANSEN, Michael [DE/DE]; Lorenz Görzt Strasse 95, 41238 Mönchengladbach (DE).
SEDGWICK, Bernard [DE/DE]; Lenzenpfad 4, 41366 Schwalmatal (DE).

(74) **BOEHMERT & BOEHMERT**; Hollerallee 32, 28209 Bremen (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 FR GB GR IE IT LU MC NL PT SE 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **A42B 1/00**

(11) **WO 02/39838** (13) A1

(21) PCT/US01/43112

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 09/714,270 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • CONVERTIBLE VISOR/CAP WITH A PLURALITY OF CROWN SUPPORTS
• VISIERE/CASQUETTE TRANSFORMABLE A PLUSIEURS SUPPORTS EN COURONNE

(71, 72) **JOHNSON, James, E.** [US/US]; P.O. Box 73, Pope Valley, CA 94567 (US).

(74) **SHIMAZAKI, J., John** et al. / etc.; Dickinson Wright PLLC, Suite 800, 1901 L, St. N.W., Washington, D.C. 20036 (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 SI SK SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

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Published / Publiée : (c)

(51)⁷ **A42B 3/04, 3/18**

(11) **WO 02/39839** (13) A1

(21) PCT/EP01/13349

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) de (26) de

(30) 200 19 702.9 **20 Nov/nov 2000 (20.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROTECTIVE HELMET WITH A TRANSPARENT PEAK

• CASQUE DE PROTECTION A VISIERE TRANSPARENTE

(71, 72) **FÄHNRIICH, Markus** [DE/DE]; Im Erlich 102, 64291 Darmstadt (DE).

(74) **KATSCHER, Helmut**; Fröbelweg 1, 64291 Darmstadt (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **A43C 15/16**

(11) **WO 02/39840** (13) A1

(21) PCT/GB01/05012

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0027750.9 **14 Nov/nov 2000 (14.11.2000)** GB

(43) 23 May/mai 2002 (23.05.2002)

(54) • STUDED FOOTWEAR

• ARTICLES CHAUSSANTS A CRAMPONS

(71) **TRISPORT LIMITED** [GB/GB]; Amber Close, Tamworth Business Park, Amington, Tamworth, Staffordshire B77 4RP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELLY, Paul, Andrew** [GB/GB]; 10 Simmons Way, Atherstone, Warwickshire CV9 3AX (GB).
SHUTTLEWORTH, Lee, Paul [GB/GB]; 19 Woodford Green Road, Hall Green, Birmingham B28 8PH (GB).

(74) **BRETTELL, Barker**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**

(11) **WO 02/39841** (13) A2

(21) PCT/US01/43023

(22) **22 Oct/oct 2001 (22.10.2001)**

(25) en (26) en

(30) 09/713,857 **16 Nov/nov 2000 (16.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • RECLOSABLE FASTENER WITH SLIDER

• FERMETURE REFERMABLE A CURSEUR

(71) **PACTIV CORPORATION** [US/US]; 1900 W. Field Court, Lake Forest, IL 60045 (US).

(72) **BLYTHE, James, S.**; 22 Nunda Boulevard, Rochester, NY 14610 (US).
BARCLAY, Ian, J.; 3093 Parker Road, Marion, NY 14505 (US).
MC MANUS, Michael, W.; 3571 Cole Road, Marion, NY 14505 (US).
ST. PHILLIPS, Eric, A.; 24 Timber Lane, Fairport, NY 14450 (US).

(74) **COOLLEY, Ronald, B.** et al. / etc.; Jenkens & Gilchrist, 225 W. Washington Street, Suite 2600, Chicago, IL 60606 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ **A44B 18/00**

(11) **WO 02/39842** (13) A1

(21) PCT/EP01/12841

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) de (26) de

(30) 100 56 567.0 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR PRODUCING A FASTENER PART

• PROCEDE DE PRODUCTION D'UNE PARTIE DE FERMETURE ADHESIVE

(71) **GOTTLIEB BINDER GMBH & CO.** [DE/DE]; Bahnhofstr. 19, 71088 Holzgerlingen (DE).

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

(72, 75) **SCHULTE, Axel** [DE/DE]; Karlstr. 12, 71088 Holzgerlingen (DE).

(74) **BARTELS & PARTNER**; Lange Strasse 51, 70174 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A45D 27/22, 27/46**

(11) **WO 02/39843** (13) A1

(21) PCT/IT01/00572

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) MI00A002462 **16 Nov/nov 2000 (16.11.2000)** IT

(30) MI01A002387 **12 Nov/nov 2001 (12.11.2001)** IT

(43) 23 May/mai 2002 (23.05.2002)

(54) • CASE COMPRISING MEANS FOR STORAGE, CLEANING AND STERILIZATION OF A SAFETY RAZOR

• BOITIER COMPRENANT DES MOYENS POUR LE RANGEMENT, LE NETTOYAGE ET LA STERILISATION D'UN RASOIR DE SECURITE

(71, 72) **BELLOLI, Andrea** [IT/IT]; Via Mazzini, 34, I-20012 Cuggiono (IT).

(74) **ARENA, Giovanni**; Viale Certosa, 135, I-20151 Milano (IT).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EE 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 PL RO RU SD SG SI SK SL TJ TM TT TZ UA UG US VZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **A45D 29/02**

(11) **WO 02/39844** (13) A1

(21) PCT/JP01/09925

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) ja (26) ja

(30) 2000-349477 **16 Nov/nov 2000 (16.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • NAIL CLIPPER

• COUPE-ONGLES

(71) **KAI R & D CENTER CO., LTD.** [JP/JP]; 1110, Oyana, Seki-shi, Gifu 501-3992 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHINODA, Yasuyuki** [JP/JP]; c/o KAI R & D CENTER CO., LTD., 1110, Oyana, Seki-shi, Gifu 501-3992 (JP). **KOIDE, Takashi** [JP/JP]; c/o KAI R & D CENTER CO., LTD., 1110, Oyana, Seki-shi, Gifu 501-3992 (JP).

(74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A45D 34/00**

(11) **WO 02/39845** (13) A1

(21) PCT/KR01/01241

(22) **20 Jul/juillet 2001 (20.07.2001)**

(25) ko (26) en

(30) 2000/32088 **16 Nov/nov 2000 (16.11.2000)** KR

(43) 23 May/mai 2002 (23.05.2002)

(54) • COSMETIC CONTAINER

• CONTENANT POUR PRODUIT COSMETIQUE

(71, 72) **KIM, Yoon-Hoi** [KR/KR]; 2902 Samsung borame omnitower, #395-62, Sindaebang2-dong, Dongjak-gu, Seoul 156-012 (KR).

(74) **SONG, Jae-Ryun** et al. / etc.; 5th fl., Nong-Shim bldg., #209, Seogyedong, Yongsan-gu, Seoul 140-710 (KR).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A45F 3/00, A45C 13/00**

(11) **WO 02/39846** (13) A1

(21) PCT/CA00/01325

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • HARD SHELL BACK PACK

• SAC A DOS A ENVELOPPE DURE

(71) **ALTER, Lloyd** [CA/CA]; 38 Thome Crescent, Toronto, Ontario M6H 2S5 (CA).

(74) **JOHNSON, Douglas, S.** et al. / etc.; Dennison Associates, Suite 301, 133 Richmond Street West, Toronto, Ontario M5H 2L7 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

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

(51)⁷ **A46B 5/02, B43K 27/00, 5/12**

(11) **WO 02/39847** (13) A1

(21) PCT/US01/43493

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 60/248,363 **14 Nov/nov 2000 (14.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • MULTI-MEDIA WRITING INSTRUMENTS AND METHODS FOR THEIR USE

• INSTRUMENTS D'ECRITURE MULTIMEDIA ET LEURS PROCEDES D'UTILISATION

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Boulevard, Pasadena, CA 91103 (US).

(72) **CARROLL, Craig**; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US). **LEWIS, Charles, R., Jr.**; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US). **SMITH, John, W.**; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).

(74) **LARSON, Douglas, N.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067-3024 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)⁷ **A47B 9/04, F16H 25/20 // A47B 9/20**

(11) **WO 02/39848** (13) A1

(21) PCT/DK01/00767

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) da (26) en

(30) PA 2000 01729 **17 Nov/nov 2000 (17.11.2000)** DK

(30) PA 2001 00776 **16 May/mai 2001 (16.05.2001)** DK

(43) 23 May/mai 2002 (23.05.2002)

(54) • LINEAR ACTUATOR

• ACTIONNEUR LINEAIRE

(71) **LINAK A/S** [DK/DK]; Smedevænget 8, Guderup, DK-6430 Nordborg (DK).

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

(72, 75) **CHRISTENSEN, Bruno** [DK/DK]; Tjørnevænget 1, Havnbjerg, DK-6460 Nordborg (DK). **Sørensen, Søren** [DK/DK]; Kastanie Allé 35, 1th, DK-6400 Sønderborg (DK).

(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 FR GB GR IE IT LU MC NL PT SE TR; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

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

Published / Publiée : (c)

(51)⁷ **A47B 47/02, 47/00, F16B 12/14**

(11) **WO 02/39849** (13) A1

(21) PCT/KR01/01935

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 2000/67702 **15 Nov/nov 2000 KR (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • PREFAB SYSTEM FURNITURE

• SYSTEME DE MEUBLE PREFABRIQUE

(71) **HOME & TECH CO., LTD.** [KR/KR]; 1-34 Yonhee 3-dong, Seodaemun-gu, Seoul 120-823 (KR).

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

(72, 75) **CHOI, Jung, Soo** [KR/KR]; 534-4 Seongnae-dong, Gangdong-gu, Seoul 134-030 (KR).

(74) **MOON, Seung, Young**; 402 Teheran Building, 825-33 Yoksam-dong, Kangnam-ku, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47B 88/08**

(11) **WO 02/39850** (13) A2

(21) PCT/US01/43759

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,137 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • FRICTION DRAWER SLIDE

• COULISSE DE TIROIR A FRICTION

(71) **ACCURIDE INTERNATIONAL INC.** [US/US]; 12311 Shoemaker Avenue, Santa Fe Springs, CA 90670 (US).

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

(72, 75) **MILLIGAN, Charles, A.** [US/US]; 2333 Montera Drive, Hacienda Heights, CA 91745 (US).

(74) **KARISH, Marc, A.**; Christie, Parker & Hale, LLP, P.O. Box 7068, 350 W. Colorado Boulevard, Pasadena, CA 91109-7068 (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 SI SK SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47C 5/00, B31D 3/00**

(11) **WO 02/39851** (13) A1

(21) PCT/AU01/01498

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 71658/00 **20 Nov/nov 2000 AU (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SEAT

• SIEGE

(71, 72) **WATSON, Daryl, Geoffrey** [AU/AU]; 1/9 Allargue Street, Nairne, S.A. 5252 (AU).

(74) **LESICAR PERRIN**; 49 Wright Street, Adelaide, S.A. 5000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47C 20/04, H02K 7/06, 7/116**

(11) **WO 02/39852** (13) A1

(21) PCT/EP01/13249

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 200 19 630.8 **17 Nov/nov 2000 DE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • ELECTROMOTIVE ACTUATOR

• MECANISME DE COMMANDE A MO-
TEUR ELECTRIQUE

(71) **DEWERT ANTRIEBS- UND SYSTEMTECHNIK GMBH & CO. KG** [DE/DE]; Weststrasse 1, 32278 Kirchlegern (DE).

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

(72, 75) **ROITHER, Andreas** [DE/DE]; Im Oescher 34, 32130 Enger (DE). **BOKÄM-
PER, Ralf** [DE/DE]; Schubertstrasse 2, 32312 Lübbecke (DE).

(74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, 33613 Bielefeld (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **A47C 27/05**

(11) **WO 02/39853** (13) A1

(21) PCT/US01/46260

(22) **25 Oct/oct 2001 (25.10.2001)**

(25) en (26) en

(30) 09/704,399 **2 Nov/nov 2000 US (02.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • POCKETED BEDDING OR SEATING PRODUCT WITH CUSHIONING PADS INSIDE POCKETS

• PRODUIT POUR ARTICLES DE LITERIE OU DE SIEGE COMPRENANT DES COUSSINETS AMORTISSEURS PLACES DANS DES POCHETTES

(71) **L & P PROPERTY MANAGEMENT COMPANY** [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).

(72) **SCHULZ, Martin, Jr.**; 3408 Old Masonic Road, Brenham, TX 77833 (US).

(74) **POFFENBERGER, J., Dwight, Jr.** 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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47F 3/04, F25D 11/00, F25B 21/02**

(11) **WO 02/39854** (13) A1

(21) PCT/AU01/01378

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) PR 1502 **16 Nov/nov 2000 AU (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A COOLING DEVICE

• DISPOSITIF DE REFROIDISSEMENT

(71) **NEEMAT PTY. LTD** [AU/AU]; 1299 Malvern Road, Malvern, VIC 3144 (AU).

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

(72, 75) **COLLIS, Stephen** [AU/AU]; Unit 3, 4 lansell Road, Toorak, VIC 3142 (AU).

(74) **KEOGH, John**; Sandercock & Cowie, 69 Robinson Street, Dandenong, VIC 3175 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47F 3/06, 10/02, 11/04, 11/10, A47B 57/58, 96/00**

(11) **WO 02/39855** (13) A1

(21) PCT/AU01/01487

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) PR 1492 **15 Nov/nov 2000 AU (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SHELVING SYSTEM
• SYSTEME DE RAYONNAGE

(71) **CHECKMATE INTERNATIONAL PTY LTD** [AU/AU]; 100-102 Kirkham Road West, Keysborough, Victoria 3173 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEAHY, John, Clifton** [AU/AU]; 28 Bexsarm Crescent, Rowville, Victoria 3178 (AU). **JAKUPEC, Zeljko** [AU/AU]; 6 Carter Avenue, Nunawading, Victoria 3131 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **A47F 7/02**

(11) **WO 02/39856** (13) A1

(21) PCT/US00/31668

(22) **17 Nov/nov 2000 (17.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • A WATCH DISPLAY MODULE
• PRESENTOIR POUR MONTRES

(71) **LVMH SPECIALTY RETAIL CONCEPTS, L.L.C.** [US/US]; One Front Street, 8th Floor, San Francisco, CA 94111 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARRAU, Gerard** [FR/FR]; 15, rue de la Montagne de l'Esperou, F-75015 Paris (FR). **JARDIN, Stephane** [FR/FR]; 33bis, rue de Limours, F-78470 Saint-Rémy-les-Chevreuses (FR). **BENZAID, Luc** [FR/FR]; 6, avenue Marcel Doret, F-75016 Paris (FR).

(74) **MCWHA, Keith**; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154-0053 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ

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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A47G 9/06, E04H 15/56**

(11) **WO 02/39857** (13) A1

(21) PCT/AU01/01489

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) PR 1559 **20 Nov/nov 2000 AU (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A MAT
• TAPIS

(71, 72) **REYNOLDS, Christopher John** [AU/AU]; 11 Riverview Avenue, Buderim, Queensland 4556 (AU).

(74) **PHILLIPS ORMOND FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47G 19/04, B65D 21/02, 5/52**

(11) **WO 02/39858** (13) A1

(21) PCT/EP01/13315

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 00/14833 **15 Nov/nov 2000 FR (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • BAG FOR FOODS INTENDED TO BE CONSUMED WITH A SAUCE
• CORNET OU EMBALLAGE POUR ALIMENTS DESTINES A ETRE CONSOMMES AVEC UNE SAUCE

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AG AU BB BZ CA CY GB GD GH GM IE IL IN KE LK LS MN MW MZ NZ SD SG SL SZ TT TZ UG ZA ZW)

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AG AU BB BZ CA CY GB GD GH GM IE IL KE LK LS MN MW MZ NZ SD SG SL SZ TT TZ UG ZA ZW)

(71) **HINDUSTAN LEVER LTD** [IN/IN]; Hindustan Lever House, 165-166 Backbay Reclamation, 400 020 Mumbai (IN).
(only for / seulement pour IN)

(72) **BARCAT, Antoine**; AMORA MAILLE, 48, Quai Nicolas Rolin, F-21000 Dyon (FR). **GENEAU DE LAMARLIERE, Isabelle**; 5, Route de Genlis, F-21110 Longecourt en Plaine (FR).

(74) **WURFBAIN, Gilles et al.** / etc.; Unilever N.V., Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaarding (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47G 19/22, B65D 17/32**

(11) **WO 02/39859** (13) A1

(21) PCT/US01/47154

(22) **5 Nov/nov 2001 (05.11.2001)**

(25) en (26) en

(30) 09/715,715 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DISPOSABLE, ROLLED RIM CONTAINER AND DOME-SHAPED COVER
• CONTENANT A BORD ROULE, JETABLE, ET COUVERCLE EN FORME DE DOME

(71) **TIM JOHNSON DESIGN, INC.** [US/US]; 287-3 Dorchester Street, Boston, MA 02127 (US).

(72) **JOHNSON, Timothy, C.**; 287-3 Dorchester Street, Boston, MA 02127 (US).

(74) **HARTNELL, George, W., III et al.** / etc.; Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group, Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **A47J 27/00**

(11) **WO 02/39860** (13) A1

(21) PCT/CN01/01561

- (22) **16 Nov/nov 2001 (16.11.2001)**
(25) zh (26) zh
(30) 00 2 66501.8 **16 Nov/nov 2000 CN (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● A QUICK ENERGY-SAVING RED STONEWARE CERAMIC ELECTRIC HEATING COOKER
● CUISEUR EN GRE ROUGE RAPIDE ET A ECONOMIE D'ENERGIE
(71) **SHUNDE JANE'S ELECTRICAL HOME APPLIANCES FACTORY** [CN/CN]; No. 93 Industry Road, Longjiang Town, Shunde City, Guangdong Province 528318 (CN).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **JIAN, Guang** [CN/CN]; No. 93 Industry Road, Longjiang Town, Shunde City, Guangdong Province 528318 (CN).
(74) **KANGXIN & PARTNERS**; Suite 402, Block B, Tongtai Mansion, Xicheng District, Beijing 100032 (CN).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP (Utility model / modèle d'utilité) KE KG KP KR (Utility model / modèle d'utilité) 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A47J 36/02**
(11) **WO 02/39861** (13) A1
(21) PCT/EP01/11432
(22) **4 Oct/oct 2001 (04.10.2001)**
(25) en (26) en
(30) 00204009.5 **14 Nov/nov 2000 EP (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● DEVICE FOR REHEATING BY MICROWAVES
● DISPOSITIF DE RECHAUFFAGE PAR MICRO-ONDES
(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AE AL AM AT AU 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 LC LR LT LU LV MA MC MD MG MK ML MR MX NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)
(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AG AU BB BZ CA CY GB GD GH GM IE IL KE LK LS MN MW MZ NZ SD SG SL SZ TT TZ UG ZA ZW)
- (71) **HINDUSTAN LEVER LTD** [IN/IN]; Hindustan Lever House, 165-166 Backbay Reclamation, 400 020 Mumbai (IN).
(only for / seulement pour IN)
(72, 75) **DE BOER, Hendrikus, Bauke** [NL/NL]; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **MORET, Peter** [NL/GB]; 1 Auden Clo, Ewloe, South Wales CH5 3TY (GB). **OUT, Dirk, Johan, Peter** [NL/NL]; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **SPIERTS, Leon, Marie, François** [NL/NL]; Mora BV, Fregatweg 53, NL-6222 NZ Maastricht (NL).
(74) **SIKKEN, Antonius, H., J., M.**; Unilever NV, Patent Department, 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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A47K 3/10**
(11) **WO 02/39862** (13) A1
(21) PCT/US01/43114
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/248,543 **16 Nov/nov 2000 US (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● METHOD AND APPARATUS FOR A WAVE POOLS
● PROCEDE ET APPAREIL POUR PISCINE A VAGUES
(71, 72) **LOCHTEFELD, Thomas, J.** [US/US]; 210 Westbourne Street, La Jolla, CA 92037 (US).
(74) **SHIMAZAKI, J., John** et al. / etc.; Dickinson Wright PLLC, 1901 L Street, N.W., Suite 800, Washington, DC 20036 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A47K 10/42**
(11) **WO 02/39863** (13) A1
(21) PCT/US01/51143
- (22) **29 Oct/oct 2001 (29.10.2001)**
(25) en (26) en
(30) 60/244,465 **31 Oct/oct 2000 US (31.10.2000)**
(30) 09/951,600 **13 Sep/sep 2001 US (13.09.2001)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● IMPROVED TOWEL FOLD CONFIGURATION
● CONFIGURATION AMELIOREE DE PLIAGE DE SERVIETTES
(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lane Street, Neenah, WI 54956 (US).
(72) **CHAN, Michael, Y.**; 10435 Stanyan Street, Alpharetta, GA 30202 (US).
(74) **DORITY & MANNING, P.A.**; One Liberty Square, Suite 1600, 55 Beattie Place, P.O. Box 1449, Greenville, SC 29602 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A47L 9/00, 11/40, B62D 57/00**
(11) **WO 02/39864** (13) A1
(21) PCT/NO01/00429
(22) **29 Oct/oct 2001 (29.10.2001)**
(25) no (26) en
(30) 20005460 **30 Oct/oct 2000 NO (30.10.2000)**
(30) 20013685 **27 Jul/juil 2001 NO (27.07.2001)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● MOBILE ROBOT
● ROBOT MOBILE
(71, 72) **AASEN, Torbjørn** [NO/NO]; Hatlestadlia 122, N-5227 Nesttun (NO).
(74) **AS BERGEN PATENTKONTOR; C.** Sundtsgt. 36, N-5004 Bergen (NO).
(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47L 9/02**(11) **WO 02/39865** (13) A2

(21) PCT/EP01/13258

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 00204034.3 **16 Nov/nov 2000 EP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SUCTION ATTACHMENT WITH A CORNER HAVING A SECONDARY SUCTION OPENING

- ACCESSOIRE D'ASPIRATION A PARTIE EN COIN DOTÉE D'UNE SECONDE OUVERTURE D'ASPIRATION

(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) **LIJZENGA, Henk** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) **WOLFS, Marc, J., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (q1)

(51)⁷ **A47L 9/14, 9/16**(11) **WO 02/39866** (13) A1

(21) PCT/SE01/02421

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) en (26) en

(30) 0004223-4 **17 Nov/nov 2000 SE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • VACUUM CLEANER

- ASPIRATEUR

(71) **AKTIEBOLAGET ELECTROLUX** [SE/SE]; S-105 45 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **LINDQUIST, Tommy** [SE/SE]; Värmlandsvägen 238, S-123 48 Farsta (SE).
SJÖBERG, Göran [SE/SE]; Korsängsvägen 12, S-196 30 Kungsängen (SE).
NYBERG, Curt [SE/SE]; Bansjöslingan 36, S-135 54 Tyresö (SE).(74) **SCHMERER, Sven, Erik**; AB Electrolux, Group Intellectual Property, S-105 45 Stockholm (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 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47L 9/16**(11) **WO 02/39867** (13) A1

(21) PCT/FR01/03537

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) fr (26) fr

(30) 00/14699 **14 Nov/nov 2000 FR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • WASTE COLLECTING BIN FOR VACUUM CLEANER AND ASSOCIATED SEPARATING DEVICE

- BAC RECUPERATEUR DE DECHETS POUR ASPIRATEUR ET DISPOSITIF DE SEPARATION ASSOCIE

(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) **JOUVEL, Michel** [FR/FR]; 3 rue des Fraisières, F-69630 Chaponost (FR).
BONNET, Jacques [FR/FR]; 2, rue Saint Christophe, F-78100 Saint Germain en Laye (FR).(74) **KIEHL, Hubert**; SEB Développement, Chemin du Petit Bois, B.P. 172, F-69132 Ecully 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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **A47L 11/16, G05D 1/02**(11) **WO 02/39868** (13) A1

(21) PCT/AU01/01486

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) PR 1544 **17 Nov/nov 2000 AU (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SENSORS FOR ROBOTIC DEVICES

- DETECTEURS POUR DISPOSITIFS ROBOTIQUES

(71) **DUPLEX CLEANING MACHINES PTY. LIMITED** [AU/AU]; 8/177 Beavers Road, Northcote, VIC 3070 (AU).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **MCDONALD, Murray** [AU/AU]; 8/177 Beavers Road, Northcote, VIC 3070 (AU).(74) **TATLOCK, Alfred**; A Tatlock & Associates, 28 Drummond Street, Carlton South, VIC 3053 (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 NO NZ OM PH PL PT RO

RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47L 13/26**(11) **WO 02/39869** (13) A1

(21) PCT/FR01/03448

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) fr (26) fr

(30) 00/14684 **15 Nov/nov 2000 FR (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • FLOOR CLEANING DEVICE

- DISPOSITIF DE NETTOYAGE DU SOL

(71, 72) **LECOUFFE, Luc** [FR/FR]; Les Marnières, 40, rue de Rosemont, F-62130 St Pol Sur Terroise (FR).
DECOIN, Rémy [FR/FR]; 8, rue de St Léger, F-62128 Croisilles (FR).
DANTHOIS, Jean-Claude [FR/FR]; 7, parc Mercier, F-62670 Mazingarbe (FR).(74) **DUTHOIT, Michel - Mandataire agréé OEB**; conseil en Propriété industrielle, c/o Bureau Duthoit Legros Associés, 96/98, Boulevard Carnot, Boîte Postale 105, F-59027 Lille 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 ES FI GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A47L 15/50**(11) **WO 02/39870** (13) A1

(21) PCT/EP01/11902

(22) **15 Oct/oct 2001 (15.10.2001)**

(25) de (26) de

(30) 100 56 489.5 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR IMPROVING THE DRYING PERFORMANCE OF A DISHWASHER

- DISPOSITIF DESTINE A AMELIORER LA CAPACITE DE SECHAGE D'UN LAVE-VAISSELLE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **ROSENBAUER, Michael** [DE/DE]; Riedweg 19, 86756 Reimlingen (DE).
HEISSLER, Heinz [DE/DE]; Margariteweg 5, 89407 Dillingen (DE).
DEISS, Ulrich

[DE/DE]; Hauptstr. 22, 89567 Sontheim (DE). **FETZER, Gerhard** [DE/DE]; Professor-Bamann-Str. 11, 89423 Gundelfingen (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Zentralabteilung Gewerblicher Rechtsschutz, Hochstr. 17, 81669 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A47L 15/50**

(11) **WO 02/39871** (13) A1

(21) PCT/EP01/12999

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) de (26) de

(30) 100 56 487.9 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ADAPTER FOR A DISH BASKET OF A DISHWASHER

● GARNITURE POUR PANIER D'UN LAVE-VAISSELLE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).

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

(72, 75) **ROSENBAUER, Michael** [DE/DE]; Riedweg 19, 86756 Reimlingen (DE). **HESSLER, Heinz** [DE/DE]; Margaritenweg 5, 89407 Dillingen (DE). **DEISS, Ulrich** [DE/DE]; Hauptstr. 22, 89567 Sontheim (DE). **FETZER, Gerhard** [DE/DE]; Professor-Bamann-Str. 11, 89423 Gundelfingen (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstr. 17, 81669 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **A47L 15/50**

(11) **WO 02/39872** (13) A1

(21) PCT/EP01/13000

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) de (26) de

(30) 100 56 488.7 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) ● INSERT FOR A CROCKERY BASKET IN A DISHWASHER

● GARNITURE POUR PANIER D'UN LAVE-VAISSELLE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).

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

(72, 75) **ROSENBAUER, Michael** [DE/DE]; Riedweg 19, 86756 Reimlingen (DE).

HESSLER, Heinz [DE/DE]; Margaritenweg 5, 89407 Dillingen (DE). **DEISS, Ulrich** [DE/DE]; Hauptstr. 22, 89567 Sontheim (DE). **FETZER, Gerhard** [DE/DE]; Professor-Bamann-Str. 11, 89423 Gundelfingen (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstr. 17, 81669 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61B**

(11) **WO 02/39873** (13) A2

(21) PCT/IL01/01044

(22) **11 Nov/nov 2001 (11.11.2001)**

(25) en (26) en

(30) 09/711,521 **14 Nov/nov 2000 (14.11.2000)** US

(30) PCT/IL00/00781 **23 Nov/nov 2000 (23.11.2000)** IL

(30) 09/776,871 **6 Feb/fév 2001 (06.02.2001)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SYSTEM AND METHOD FOR FUNCTIONAL BRAIN MAPPING AND AN OXYGEN SATURATION DIFFERENCE MAP ALGORITHM FOR EFFECTING SAME

● SYSTEME ET TECHNIQUE DE CARTOGRAPHIE CEREBRALE FONCTIONNELLE ET ALGORITHME ASSOCIE DE REPRESENTATION CARTOGRAPHIQUE DES DIFFERENCES DE SATURATION EN OXYGENE

(71) **APPLIED SPECTRAL IMAGING LTD.** [IL/IL]; 4 Matechet Street, 10 551 Migdal Haemek (IL).

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

(72, 75) **GIL, Amir** [IL/IL]; 88 HaBonim Street, 36 031 Kiryat Tivon (IL). **GIL, Tamir** [IL/IL]; Kibbutz Givat Haim Meuhad, 38 930 Doar Na Hefer (IL). **HORN, Eli** [IL/IL]; 13/3 Barak Street, 26 315 Kiryat Motzkin (IL). **GARINI, Yuval** [IL/IL]; Koranit, 20 181 Doar Na Misgav (IL).

(74) **G. E. EHRlich (1995) LTD.**; 28 Bezalel Street, 52 521 Ramat Gan (IL).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B**

(11) **WO 02/39874** (13) A2

(21) PCT/IL01/01057

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/248,593 **16 Nov/nov 2000 (16.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A DIAGNOSTIC SYSTEM FOR THE EAR

● SYSTEME DE DIAGNOSTIC POUR L'OREILLE

(71) **A.B.Y. SHACHAR INITIAL DIAGNOSIS LTD.** [IL/IL]; Tzemach, 15132 Emek Hayarden (IL).

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

(72, 75) **SHAHAR, Menashe** [IL/IL]; Moshav Korazim, 12391 D.N. South Golan (IL). **ALCHANATIS, Victor** [IL/IL]; Menachem Begin 7/16, 43722 Ra'anana (IL). **SCHMILOVITCH, Ze'ev** [IL/IL]; Begin Street 3, 56478 Yehud (IL).

(74) **PEARL, Zeev** et al. / etc.; Eitan, Pearl, Latzer & Cohen-Zedek, Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B**

(11) **WO 02/39875** (13) A2

(21) PCT/US01/43630

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/715,215 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR DEPLOYING A THERMO-MECHANICALLY EXPANDABLE STENT

● METHODE DE DEPLOIEMENT D'UNE ENDOPROTHESE A EXPANSION THERMOMECHANIQUE

(71) **B. BRAUN MEDICAL INC.** [US/US]; 824 Twelfth Avenue, Bethlehem, PA 18018 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **DORFMAN, Gary, S.** [US/US]; 11 Searidge Drive, Saunderstown RI 02874 (US). **HEALY, Kevin, E.** [US/US]; 3841 Campolindo Drive, Moraga, CA 94556 (US).

(72, 75) **WALSH, Joseph, T.** [US/US]; 1310 Washington Street, Evanston, IL 60202 (US).

(74) **CHRISTIE, William, P.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (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 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 PL PT RO RU SD SE
SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ A61B

(11) WO 02/39876 (13) A2

(21) PCT/US01/43644

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,009 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • DETECTION AND CHARACTERIZA-
TION OF CHOLINERGIC OSCILLA-
TORY CONTROL IN PERIPHERAL
MICROVASCULATURE

- DETECTION ET CARACTERISATION
DE LA COMMANDE OSCILLATOIRE
CHOLINERGIQUE DANS LA MICRO-
VASCULATURE PERIPHERIQUE

- (71) YALE UNIVERSITY [US/US]; 451 Col-
lege Street, New Haven, CT 06520 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SILVERMAN, David, G. [US/US]; 30
Meeker Hill Road, West Redding, CT 06896
(US). STOUT, Robert, G. [US/US]; 21 Quail
Run, Madison, CT 06443 (US).

- (74) GOLUB, Daniel, H. et al. / etc.; 1701 Mar-
ket 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 NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B

(11) WO 02/39877 (13) A2

(21) PCT/US01/43863

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/249,780 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • STEREOTACTIC WANDS, ENDO-
SCOPES, AND METHODS USING
SUCH WANDS AND ENDOSCOPES

- BRAS STEREOTAXIQUES, ENDO-
SCOPES ET PROCEDES D'UTILI-
SATION DE CES BRAS ET DE CES
ENDOSCOPES

- (71) OREGON HEALTH & SCIENCE UNI-
VERSITY [US/US]; Office of Technology
Management, 3181 S.W. Sam Jackson Park
Road, L335, Portland, OR 97201 (US).

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

- (72, 75) LIMONADI, Farhad, M. [US/US];
13070 S.W. 63rd Avenue, Portland, OR
97219 (US). FRANK, Edmund [US/US];
5144 S.W. Hewett Boulevard, Portland, OR
97221 (US).

- (74) NOONAN, William, D.; Klarquist Spark-
man, LLP, Suite 1600 - One World Trade
Center, 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 02/39878 (13) A2

(21) PCT/US01/43890

(22) 6 Nov/nov 2001 (06.11.2001)

(25) en (26) en

(30) 09/713,589 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • DEVICES, SYSTEMS AND METH-
ODS FOR CREATING SUTURELESS
ON-DEMAND VASCULAR ANAS-
TOMOSES AND HOLLOW ORGAN
COMMUNICATION CHANNELS

- DISPOSITIFS, SYSTÈMES ET PRO-
CÉDÉS DE RÉALISATION À LA DE-
MANDE, SANS SUTURE, D'ANA-
STOMOSES VASCULAIRES ET DE
CANAUX DE COMMUNICATION
D'ORGANES CREUX

- (71) HEART-TECH CORPORATION
[US/US]; 15 Starbarn Avenue, Frenchville,
ME 04745 (US).

- (72) NISSENBAUM, Michael; 15 Starbarn Av-
enue, Frenchville, ME 04745 (US). KIM,
Ducksoo; 9 Cedarhill Road, Dover, MA
02030 (US). LEVINE, Andy, H.; 16 Daniel
Street, Newton Centre, MA 02459 (US).

- (74) PRASHKER, David; David Prashker, P.C.,
8 Chateau Heights, Magnolia, MA 01930
(US).

(81) AU CA JP.

- (84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ A61B

(11) WO 02/39879 (13) A2

(21) PCT/US01/43933

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/249,031 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • TREATMENT OF ANTI-DEPRESSION
DRUG-INDUCED SEXUAL DYSFUNC-
TION WITH APOMORPHINE

- TRAITEMENT D'UN DYSFONCTION-
NEMENT SEXUEL ENTRAINE PAR
UNE MEDICATION ANTIDEPRES-
SIVE PAR APOMORPHINE

- (71) TAP HOLDINGS, INC. [US/US]; 675
North Field Drive, Lake Forest, IL 60045
(US).

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

- (72, 75) RUFF, Dustin, D. [US/US]; 486 Buck-
ingham Drive, Grayslake, IL 60030 (US).
PERDOK, Renee, J. [US/US]; 5806 Oxford
Circle, Gurnee, IL 60031 (US).

- (74) KATZ, Martin, L. et al. / etc.; Rockey, Mil-
namow & Katz, Ltd., Two Prudential Plaza,
Suite 4700, 180 N. Stetson Ave., Chicago, IL
60601 (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 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 PL PT RO RU SD SE
SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ A61B

(11) WO 02/39880 (13) A2

(21) PCT/US01/43937

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/712,408 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • METHOD AND SYSTEM FOR INTER-
NAL LIGATION OF TUBULAR STRUC-
TURES

- PROCEDE ET SYSTEME DE LIGA-
TURE INTERNE DE STRUCTURES
TUBULAIRES

- (71) BIOMEDICAL ENGINEERING SOLU-
TIONS, INC. [US/US]; 2355 South 1070
West, Suite D, Salt Lake City, UT 84119
(US).

- (72) MCCLELLAN, Scott, B.; 1350 North 1390
East, Heber City, UT 84032 (US). MOULIS,
Patricia, M.; 945 South Windsor, Salt Lake
City, UT 84105 (US). MCCLELLAN, An-
nette, M.; 1350 North 1390 East, Heber City,
UT 84032 (US). TAYLOR, Thomas, G.; 316
H Street, Salt Lake City, UT 84103 (US).
WELLS, David, L.; 3581 East Millstream
Lane, Salt Lake City, UT 84109 (US).

- (74) BOND, Laurence, B. et al. / etc.; TraskBritt,
PC, P.O. Box 2550, Salt Lake City, UT 84110
(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 PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
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- (51)⁷ **A61B**
(11) **WO 02/39881** (13) A2
(21) PCT/US01/43978
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/249,148 **15 Nov/nov 2000** US
(15.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR UTILIZING ORAL
MOVEMENT AND RELATED EVENTS
● PROCEDE D'UTILISATION DU MOU-
VEMENT ORAL ET D'EVENEMENTS
ASSOCIES
- (71) **LOGOMETRIX CORPORATION**
[US/US]; 1725 East 250 South, Springville,
UT 84663 (US).
- (72) **FLETCHER, Samuel, G.**; 1725 East 250
South, Springville, UT 84663 (US).
- (74) **CANNON, Karl, R.**; Clayton, Howarth &
Cannon, P.C., P.O. Box 1909, Sandy, UT
84091 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM 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 NO
NZ PH PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **A61B**
(11) **WO 02/39882** (13) A2
(21) PCT/US01/45166
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 09/715,382 **17 Nov/nov 2000** US
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● VEIN HARVESTING SYSTEM AND
METHOD
● SYSTEME ET PROCEDE DE PRELE-
VEMENT VEINEUX
- (71) **EMBRO VASCULAR** [US/US]; 2460 High-
way 100 South, St. Louis Park, MN 55416
(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, PA, 80 South 8th Street, Suite 1902,
Minneapolis, MN 55402 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ **A61B**
(11) **WO 02/39883** (13) A2
(21) PCT/US01/45301
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,288 **14 Nov/nov 2000** US
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR DIFFERENTIATING
IRRITABLE BOWEL SYNDROME
FROM INFLAMMATORY BOWEL DIS-
EASE (IBD) AND FOR MONITORING
PERSONS WITH IBD USING TOTAL
ENDOGENOUS LACTOFERRIN AS A
MARKER
● PROCEDE PERMETTANT DE DIFFE-
RENCIER LE SYNDROME DU COLON
IRRITABLE DES AFFECTIONS IN-
TESTINALES INFLAMMATOIRES ET
DE CONTROLER LES PERSONNES
ATTEINTES PAR CES AFFECTIONS
INTESTINALES INFLAMMATOIRES
EN UTILISANT LA LACTOFERRINE
ENDOGENE COMME MARQUEUR
- (71) **TECHLAB, INC.** [US/US]; 1861 Pratt
Drive, sUITE 1030, Blacksburg, VA
24060-6364 (US).
- (72) **BOONE, James, Hunter**; 545 Arrowhead
Trail, Christiansburg, VA 24073 (US). **LY-
ERLY, David, Maxwell**; 204 MacArthur Av-
enue, Radford, VA 24141 (US). **WILKINS,
Tracy, Dale**; 6254 Chestnut Ridge Road,
Riner, VA 24149 (US). **GUERRANT,
Richard, Littleton**; 2507 Northfields Road,
Charlottesville, VA 22901 (US).
- (74) **WILHELM, Tawni, L.** et al. / etc.; Shook,
Hardy & Bacon L.L.P., One Kansas City
Place, 1200 Main Street, Kansas City, MS
64105-2118 (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 SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **A61B**
(11) **WO 02/39885** (13) A2
(21) PCT/US01/45395
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en
(30) 09/713,550 **14 Nov/nov 2000** US
(14.11.2000)
(30) 09/825,294 **3 Apr/avr 2001** US
(03.04.2001)
(30) 09/970,966 **2 Oct/oct 2001** US
(02.10.2001)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● COMPOSITIONS AND METHODS FOR
THE THERAPY AND DIAGNOSIS OF
OVARIAN CANCER
● COMPOSITIONS ET METHODES DES-
TINEES A LA THERAPIE ET AU DIAG-
NOSTIC DU CANCER DE L'OVAIRE
- (71) **CORIXA CORPORATION** [US/US];
1124 Columbia Street, Suite 200, Seattle, WA
98104 (US).
- (72) **XU, Jiangchun**; 15805 S.E. 43rd Place,
Bellevue, WA 98006 (US). **STOLK, John,
A.**; 7436 N.E. 144th Place, Bothell, WA
98011 (US). **ALGATE, Paul, A.**; 580
Kalmia Place N.W., Issaquah, WA 98027
(US). **FLING, Steven, P.**; 11414 Pinyon
- (51)⁷ **A61B**
(11) **WO 02/39884** (13) A2
(21) PCT/US01/45370
(22) **30 Oct/oct 2001 (30.10.2001)**
(25) en (26) en
(30) 60/244,316 **30 Oct/oct 2000** US
(30.10.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR INTERPRETING VI-
SUAL DATA
● PROCEDE D'INTERPRETATION DE
DONNEES VISUELLES
- (71) **QUALI-QUANT RESEARCH INC.** [US/US];
10510 Buckeye Trace, Goshen, KY 40026
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **SACK, Michael, C.** [US/US]; 10510
Buckeye Trace, Goshen, KY 40026 (US).
SENSKY, Bridgette [GB/GB]; 33 Great
Brownings, College Road, Dulwich SE21
7HP (GB).
- (74) **LERCH, Joseph, B.** et al. / etc.; Darby &
Darby P.C., 805 Third Avenue, New York, NY
10022-7513 (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 EC EE ES FI GB GD GE HR HU ID 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 PH PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **A61B**
(11) **WO 02/39885** (13) A2
(21) PCT/US01/45395
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en
(30) 09/713,550 **14 Nov/nov 2000** US
(14.11.2000)
(30) 09/825,294 **3 Apr/avr 2001** US
(03.04.2001)
(30) 09/970,966 **2 Oct/oct 2001** US
(02.10.2001)
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● COMPOSITIONS AND METHODS FOR
THE THERAPY AND DIAGNOSIS OF
OVARIAN CANCER
● COMPOSITIONS ET METHODES DES-
TINEES A LA THERAPIE ET AU DIAG-
NOSTIC DU CANCER DE L'OVAIRE
- (71) **CORIXA CORPORATION** [US/US];
1124 Columbia Street, Suite 200, Seattle, WA
98104 (US).
- (72) **XU, Jiangchun**; 15805 S.E. 43rd Place,
Bellevue, WA 98006 (US). **STOLK, John,
A.**; 7436 N.E. 144th Place, Bothell, WA
98011 (US). **ALGATE, Paul, A.**; 580
Kalmia Place N.W., Issaquah, WA 98027
(US). **FLING, Steven, P.**; 11414 Pinyon

- Avenue N.E., Bainbridge Island, WA 98110 (US). **MOLESH, David, Alan**; 12385 N.E. Klabo Road, Kingston, WA 98346 (US).
- (74) **CHRISTIANSEN, William, T.**; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US) et al. / etc.
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61B**
- (11) **WO 02/39886** (13) A2
- (21) PCT/US01/45539
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/715,665 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • VEIN HARVESTING SYSTEM AND METHOD
- PROCEDE ET SYSTEME DE PRELEVEMENT D'UNE VEINE
- (71) **EMBRO VASCULAR** [US/US]; 2460 Highway 100 South, St. Louis Park, MN 55416 (US).
- (72) **KNIGHTON, David**; 3846 Zenith Avenue South, Minneapolis, MN 55410 (US). **FIGEL, Vance**; 1401 Mississippi Street, New Brighton, MN 55112 (US).
- (74) **WILES, Terry** et al. / etc.; Popovich & Wiles, PA, 80 South 8th Street, Suite 1902, Minneapolis, MN 55402 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (q1)
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- (51)⁷ **A61B**
- (11) **WO 02/39887** (13) A2
- (21) PCT/US01/46780
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 09/721,513 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICES AND METHODS FOR CERVIX MEASUREMENT
- DISPOSITIFS ET PROCEDES POUR MESURE DU COL DE L'UTERUS
- (71) **CERVILENZ** [US/US]; 17752 Sky Park Circle, Suite 285, Irvine, CA 92614 (US).
- (72) **BAXTER-JONES, Rosalyn**; 11956 Bernardo Plaza Drive #531, San Diego, CA 92128 (US).
- (74) **LYON & LYON LLP**; Veravanich, Polaphat, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B**
- (11) **WO 02/39888** (13) A2
- (21) PCT/US01/47028
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 09/714,854 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 09/728,582 **1 Dec/déc 2000 US (01.12.2000)**
- (30) 09/747,094 **22 Dec/déc 2000 US (22.12.2000)**
- (30) 09/891,620 **26 Jun/juin 2001 US (26.06.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMPLANTABLE VASCULAR GRAFT
- GREFFE VASCULAIRE IMPLANTABLE
- (71) **ENDOLOGIX, INC.** [US/US]; 13700 Alton Parkway, Suite 160, Irvine, CA 92618 (US).
- (72) **SHAOLIAN, Samuel, M.**; 2315 Arbutus, Newport Beach, CA 92660 (US). **MADRID, Gilbert**; 28402 La Pradera, Laguna Niguel, CA 92677 (US). **NGUYEN, Thanh, Van**; 4752 Roxbury Drive, Irvine, CA 92604 (US). **PHAM, Trinh, Van**; 1705 West 7th Street, Santa Ana, CA 92703 (US). **ZENG, Frank, M.**; 24 Lakeshore, Irvine, CA 92614 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, 16th Floor, 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B**
- (11) **WO 02/39889** (13) A2
- (21) PCT/US01/47118
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/712,100 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMPLANTABLE ORTHOPEDIC SUPPORT APPARATUS AND METHOD FOR MAKING SAME
- APPAREIL SUPPORT ORTHOPEDIQUE IMPLANTABLE ET PROCEDE DE FABRICATION ASSOCIE
- (71, 72) **GABBAY, S** [US/US]; #1 Randall Drive, Short Hills, NJ 07078 (US).
- (74) **PITZER, Gary** et al. / etc.; Amin & Turocy, LLP, 1900 E. 9th Street, 24th Floor, National City Center, Cleveland, OH 44114 (US).
- (81) CA JP MX.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **A61B**
- (11) **WO 02/39890** (13) A2
- (21) PCT/US01/47416
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 09/716,546 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SURGICAL INSTRUMENT AND METHOD FOR TREATING FEMALE URINARY INCONTINENCE
- INSTRUMENT CHIRURGICAL ET METHODE PERMETTANT DE TRAITER L'INCONTINENCE D'URINE CHEZ LA FEMME
- (71) **ETHICON, INC.** [US/US]; US Route 22, Somerville, NJ 08876 (US).
- (72) **ULMSTEN, Ulf**; Ridvagen 18D, S-S-182 35 Danderyd (SE). **KAMMERER, Gene, W.**; 14 Stephens Drive, East Brunswick, NJ 08816 (US).
- (74) **JOHNSON, Philip, S.** et al. / etc.; 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A61B 1/00, 5/06, 5/103, 6/04, 10/00, G01B 1/00, G06K 7/00, 9/00, 9/22, 9/30**

(11) **WO 02/39891** (13) A1

(21) PCT/US01/31572

(22) **9 Oct/oct 2001 (09.10.2001)**

(25) en (26) en

(30) 60/238,349 **6 Oct/oct 2000 (06.10.2000)** US

(30) 09/890,501 **1 Aug/août 2001 (01.08.2001)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **A DYNAMIC HEALTH METRIC REPORTING METHOD AND SYSTEM**
● **PROCEDE ET SYSTEME POUR L'ANALYSE DYNAMIQUE DE PARAMETRES DE SANTE**

(63) US Not furnished /
non communiqué (CIP)
Not furnished /
non communiquée

(71) **ULTRATOUCH CORPORATION** [US/US]; 436 Creamery Way, Suite 500, Exton, PA 19341-2556 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GARWIN, Jeffrey, L.** [US/US]; 135 Fennerton, Paoli, Pa 19301-1145 (US).

(74) **GEORGE, Bruce, D.**; Saul Ewing LLP, Centre Square West, 1500 Market Street - 38th Floor, Philadelphia, PA 19102 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

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

(51)⁷ **A61B 3/16, 3/125**

(11) **WO 02/39892** (13) A1

(21) PCT/CH01/00669

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 00811094.2 **17 Nov/nov 2000 (17.11.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **DEVICE AND METHOD FOR EXAMINING AND/OR TREATING AN EYE**
● **DISPOSITIF ET PROCEDE D'EXAMEN ET/OU DE TRAITEMENT D'UN OEIL**

(71) **HAAG-STREIT AG** [CH/CH]; Gartenstadtstrasse 10, CH-3098 Kőniz (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISCHER, Konrad** [CH/CH]; Kirchbühlweg 53, CH-3007 Bern (CH). **TEIJIDO, Juan, Manuel** [CH/CH]; Port-de-la-Côte 2, CH-2012 Auvornier (CH).

(74) **ROSHARDT, Werner, A.** et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **A61B 5/022**

(11) **WO 02/39893** (13) A1

(21) PCT/JP01/09965

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-346076 **14 Nov/nov 2000 (14.11.2000)** JP

(30) 2001-28334 **5 Feb/fév 2001 (05.02.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **ELECTRONIC SPHYGMOMANOMETER**
● **SPHYGMOMANOMETRE ELECTRONIQUE**

(71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudoudou-cho, Horikawahigashiuru, Shiokouji-doori, Simogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71) **TANAKA, Takahide** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudoudou-cho, Horikawahigashiuru, Shiokouji-doori, Simogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).
(only for / seulement pour US)

(72, 75) **KATO, Hiroyuki** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudoudou-cho, Horikawahigashiuru, Shiokouji-doori, Simogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **SANO, Yoshihiko** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudoudou-cho, Horikawahigashiuru, Shiokouji-doori, Simogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **OKU, Shojiro** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudoudou-cho, Horikawahigashiuru, Shiokouji-doori, Simogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).

(74) **SERA, Kazunobu** et al. / etc.; 6th floor, Yokoyama Building, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61B 5/0408**

(11) **WO 02/39894** (13) A1

(21) PCT/US01/47312

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 09/714,594 **16 Nov/nov 2000 (16.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **DUAL ELEMENT SENSOR MEDICAL ELECTRODE**
● **ELECTRODE A USAGE MEDICAL MUNIE D'UN DETECTEUR A DEUX ELEMENTS**

(71) **AXELGAARD MANUFACTURING COMPANY, LTD.** [US/US]; 1667 S. Mission Road, Fallbrook, CA 92628 (US).

(72) **HVIDKJAER, John**; 3440 Sara Ann Drive, Fallbrook, CA 92028 (US). **AXELGAARD, Jens**; 811 Tumbleweed Lane, Fallbrook, CA 92028 (US).

(74) **HACKLER, Walter, A.**; 2372 S.E. Bristol, Suite B, Newport Beach, CA 92660-0755 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, G06F 17/00**

(11) **WO 02/39895** (13) A1

(21) PCT/IL01/01047

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) 139655 **14 Nov/nov 2000 (14.11.2000)** IL

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **A METHOD AND A SYSTEM FOR COMBINING AUTOMATED PSYCHIATRIC PROFILING FROM COMBINED INPUT IMAGES OF BRAIN SCANS WITH OBSERVED EXPERT AND AUTOMATED INTERPRETER USING A NEURAL NETWORK**

● **PROCEDE ET SYSTEME COMBINANT UN ETABLISSEMENT DE PROFIL PSYCHIATRIQUE AUTOMATISE A PARTIR D'IMAGES D'ENTREE DE SCANTIGRAPHIES CEREBRALES AVEC UN SYSTEME EXPERT D'OBSERVATION ET UN INTERPRETEUR AUTOMATISE, AU MOYEN D'UN RESEAU NEURAL**

(71, 72) **HILLMAN, Yitzchak** [IL/IL]; 48 B Hapalmach st., 92542 Jerusalem (IL).

(74) **NOAM, Meir**; P.O.B 34335, 91342 Jerusalem (IL).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, G01R 33/3415**

(11) **WO 02/39896** (13) A1

(21) PCT/JP01/10131

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) ja (26) ja

(30) 2000-353118 **20 Nov/nov 2000 JP (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **MAGNETIC RESONANCE IMAGING SYSTEM**

● **SYSTEME D'IMAGERIE PAR RESONANCE MAGNETIQUE**

(71) **HITACHI MEDICAL CORPORATION** [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 100-0047 (JP).

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

(72, 75) **OCHI, Hisaaki** [JP/JP]; c/o Central Laboratory, HITACHI LTD., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **TANIGUCHI, Yo** [JP/JP]; c/o Central Laboratory, HITACHI LTD., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **TAKAHASHI, Tetsuhiko** [JP/JP]; 3-4-24-910, Sakae-cho, Souka-shi, Saitama 340-0011 (JP). **OKAJIMA, Ken'ichi** [JP/JP]; 4-9-7, Inokashira, Mitaka-shi, Tokyo 181-0001 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61B 5/103**

(11) **WO 02/39897** (13) A2

(21) PCT/CA01/01649

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 09/714,830 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **SYSTEM AND METHOD FOR AUTOMATED BIOMECHANICAL ANALYSIS AND THE DETECTION AND CORRECTION OF POSTURAL DEVIATIONS**

● **SYSTEME ET PROCEDE D'ANALYSE BIOMECHANIQUE AUTOMATISEE ET DE DETECTION ET DE CORRECTION DE DEVIATIONS POSTURALES**

(71) **BIOTONIX INC.** [CA/CA]; 1080, Beaver Hall, Suite 1606, Montréal, Québec H2Z 1S8 (CA).

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

(72, 75) **GUIMOND, Sylvain** [CA/CA]; 339, de la Rive Street, Ste Anne de Sorel, Québec J3P 3K5 (CA). **MCFARLAND, David, H.** [CA/CA]; 235, Markham Street, Town of Mount Royal, Québec H3P 2V9 (CA). **LOMBARDI, Alfonso** [CA/CA]; 81, Lorne Street, St Lambert, Québec J4P 2G7 (CA). **NORMAND, Martin, C.** [CA/CA]; 115, place René Lévesque, Cap de la Madeleine, Québec G8W 1R7 (CA).

(74) **OGILVY RENAULT**; Suite 1600, 1981 McGill College Avenue, Montréal, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B 6/00**

(11) **WO 02/39898** (13) A2

(21) PCT/CA01/01647

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 09/715,137 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **RADIATION DETECTION CATHETER**
● **CATHETER SERVANT A DETECTER UN RAYONNEMENT**

(71) **ANGIOGENE INC.** [CA/CA]; 1851 Sherbrooke Street East, Suite 704, Montréal, Québec H2K 4L5 (CA).

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

(72, 75) **LEBLANC, Philippe** [CA/CA]; 155 Grenier Street, Saint-Luc, Québec J2W 1Y8 (CA). **LECLERC, Guy** [CA/CA]; 327 Lorraine Street, Rosemère, Québec J7A 4K1 (CA). **SULPICE, Guillaume** [FR/CA]; 4899 St-Dominique, Montréal, Québec H2T 1T3 (CA). **CARRIER, Raymond** [CA/CA]; 60 Prévert, Beloeil, Québec J3G 2C9 (CA).

(74) **OGILVY RENAULT** et al. / etc.; 1981 McGill College Avenue, Suite 1600, Montréal, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B 6/00**

(11) **WO 02/39899** (13) A2

(21) PCT/US01/43816

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/714,877 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **WORKFLOW CONFIGURATION AND EXECUTION IN MEDICAL IMAGING**

● **CONFIGURATION ET EXECUTION DE FLUX DE TRAVAUX DANS DES APPLICATIONS D'IMAGERIE MEDICALE**

(71) **SIEMENS MEDICAL SOLUTIONS USA, INC.** [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US). **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(72) **BECKER, Douglas, E.**; 1026 Medford Drive, South Elgin, IL 60177 (US). **NARAYANAN, Sreenivasan**; 1922 Morningsong Ct #102, Schaumburg, IL 60194 (US). **PAI, Govind**; 833 Teasel Lane, Aurora, IL 60504 (US). **MACKIN JR., Robert, W.**; 185 Jefferson Lane, Streamwood, IL 60107 (US). **ANDRESS, Keith, M.**; 1253 Berkshire Lane, Barrington, IL 60010 (US). **PRATT, William, B.**; 435 Harvard Lane, Bartlett, IL 60103 (US). **O'DONNELL, Kevin, P.**; 112 Esplanade Dr. #232, Pacifica, CA 94044 (US). **DURSKI, Kris**; 20994 Sherman Dr., Castro Valley, CA 94552 (US). **HABARA, Atsushi**; 3-3359-39 Mihara, Otawara-Shi, Tochigi-Ken, Tochigi 324-0047 (JP). **TANAKA, Takashi**; 2-4-18 Shintomicho, Otawara-Shi, Tochigi-Ken, Tochigi 324-0055 (JP). **MATSUI, Susumu**; 3-2653-2 Murasakiyuka, Otawara-Shi, Tochigi-Ken, Tochigi 324-0058 (JP).

(74) **JAY, Mark, H.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CA CN 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 **A61B 6/03**

(11) **WO 02/39900** (13) A1

(21) PCT/US01/47097

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 60/248,457 **14 Nov/nov 2000 US (14.11.2000)**

(30) Not furnished / non communiqué **7 Nov/nov 2001 US (07.11.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **DATA ACQUISITION FOR COMPUTED TOMOGRAPHY**

● **ACQUISITION DE DONNEES POUR TOMOGRAPHIE INFORMATISEE**

(71) **MARCONI MEDICAL SYSTEMS, INC.** [US/US]; 595 Miner Road, Highland Heights, OH 44143 (US).

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

(72, 75) **VRETTOS, Chris, J.** [—/US]; 5739 Noble Court, Willoughby, OH 44094 (US).

- CHAPPO, Marc, A.** [—/US]; 1057 Bell Avenue, Elyria, OH 44035 (US). **KRECIC, Anthony, F.** [—/US]; 1748 East 228 Street, Euclid, OH 44117 (US).
- (74) **LUNDIN, Thomas, M.**; Marconi Medical Systems, Inc., 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 10/00**
- (11) **WO 02/39901** (13) A1
- (21) PCT/JP01/09987
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) ja (26) ja
- (30) 2000-348357 **15 Nov/nov 2000 (15.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **ULTRASONIC DIAGNOSTIC DEVICE**
• **DISPOSITIF DE DIAGNOSTIC ULTRASONORE**
- (71) **ALOKA CO., LTD.** [JP/JP]; 22-1, Mure 6-chome, Mitaka-shi, Tokyo 181-8622 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MOCHIZUKI, Takashi** [JP/JP]; c/o ALOKA CO., LTD., 22-1, Mure 6-chome, Mitaka-shi, Tokyo 181-8622 (JP).
- (74) **YOSHIDA, Kenji** et al. / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A61B 10/00**
- (11) **WO 02/39902** (13) A1
- (21) PCT/US00/31796
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **INSTRUMENT FOR MEASURING SALIVA VISCOELASTICITY TO DETERMINE FEMALE FERTILITY PERIOD**
• **INSTRUMENT PERMETTANT DE MESURER LA VISCOELASTICITE DE LA SALIVE POUR DETERMINER LA PERIODE DE FECONDITE CHEZ UNE FEMME**
- (71, 72) **KOSASKY, Harold, J.** [US/US]; 25 Boylston Street, Chestnut Hill, MA 02167 (US).
- (74) **ALTMAN, Gerald** et al. / etc.; Morse, Altman & Martin, P.O. Box 6926, Boston, MA 02106 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 10/00**
- (11) **WO 02/39903** (13) A2
- (21) PCT/US01/42272
- (22) **25 Sep/sep 2001 (25.09.2001)**
- (25) en (26) en
- (30) 60/234,931 **26 Sep/sep 2000 (26.09.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **HANDLE ASSEMBLY FOR SURGICAL INSTRUMENT AND METHOD OF MAKING THE ASSEMBLY**
• **ENSEMBLE POIGNEE POUR INSTRUMENT CHIRURGICAL ET PROCEDE DE FABRICATION DE CET ENSEMBLE**
- (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) **WEBER, Jeffrey, S.** [US/US]; 6880 SW 44th Street #205, Miami, FL 33155 (US). **AGUIRRE, Gustavo** [US/US]; 18710 SW 4th Street, Pembroke Pines, FL 33029 (US). **ROSE, Larry** [US/US]; 19930 NW 9th Drive, Pembroke Pines, FL 33029 (US). **KRATTSCH, Peter, K.** [US/US]; 1301 NW 129 Way, Sunrise, FL 33323 (US).
- (74) **GARRETT, Arthur, S.** et al. / etc.; 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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/00**
- (11) **WO 02/39904** (13) A1
- (21) PCT/US01/27791
- (22) **1 Nov/nov 2001 (01.11.2001)**
- (25) en (26) en
- (30) 09/713,020 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **DOPPLER DIRECTED SUTURE LIGATION DEVICE AND METHOD**
• **DISPOSITIF ET PROCEDE DE SUTURE LIGATURE DIRIGE PAR EFFET DOPPLER**
- (63) US 09/713,020 (CON)
16 Nov/nov 2000 (16.11.2000)
- (71) **VASCULAR CONTROL SYSTEMS, INC.** [US/US]; 32236-E Paseo Adelanto, San Juan Capistrano, CA 92675 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BURBANK, Fred** [US/US]; 30982 Steeplechase Drive, San Juan Capistrano, CA 92675 (US). **JONES, Michael, L.** [US/US]; 34441 Camino El Molino, Capistrano Beach, CA 92612 (US).
- (30) 09/713,020 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **DOPPLER DIRECTED SUTURE LIGATION DEVICE AND METHOD**
• **DISPOSITIF ET PROCEDE DE LIGATION DE SUTURE DIRIGES PAR DOPPLER**
- (63) US 09/909,124 (CIP)
17 Jul/juil 2001 (17.07.2001)
- (71) **VASCULAR CONTROL SYSTEMS, INC.** [US/US]; 32236-E Paseo Adelanto, San Juan Capistrano, CA 92675 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BURBANK, Fred** [US/US]; 30982 Steeplechase Drive, San Juan Capistrano, CA 92675 (US). **JONES, Michael, L.** [US/US]; 34441 Camino El Molino, Capistrano Beach, CA 92612 (US).
- (74) **KREBS, Robert E.**; BURNS, DOANE, SWECKER & MATHIS, LLP, P.O. BOX 1404, Alexandria, VA 22313 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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)

- CA 92624 (US). **UYENO, Jill** [US/US]; 27550 Hillcrest #4Q, Mission Viejo, CA 92691 (US). **ALTIERI, Greig, E.** [US/US]; 1102 Temple Hills, Laguna Beach, CA 92615 (US). **SERRA, R., J.** [US/US]; 17 Misty Meadow, Irvine, CA 92612 (US).
- (74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/00**
- (11) **WO 02/39906** (13) A2
- (21) PCT/US01/48354
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 09/717,910 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR THE TREATMENT OF VULNERABLE TISSUE SITE
- METHODE ET DISPOSITIF DE TRAITEMENT D'UN SITE TISSULAIRE VULNERABLE
- (71) **AVANTEC VASCULAR CORPORATION** [US/US]; 1440 Koll Circle, Suite 103, San Jose, CA 95112 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MOTASIM, Sirhan** [US/US]; 794 W. Knickerbocker Drive, Sunnyvale, CA 94087 (US). **YAN, John** [US/US]; 128 Anne Way, Los Gatos, CA 95032 (US). **GERTNER, Kevin** [US/US]; 17690 Comanche Trail, Los Gatos, CA 95033 (US).
- (74) **LYNCH, Edward, J.**; Coudert Brothers LLP, 600 Beach Street, 3rd Floor, San Francisco, CA 94109 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/00**
- (11) **WO 02/39907** (13) A1
- (21) PCT/US01/04952
- (22) **8 Mar/mar 2001 (08.03.2001)**
- (25) en (26) en
- (30) 60/249,342 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 60/252,757 **21 Nov/nov 2000 US (21.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS FOR VASCULAR RECONSTRUCTION OF DISEASED ARTERIES
- PROCEDES DE RECONSTITUTION VASCULAIRE D'ARTERES MALADES
- (63) US 60/252,757 (CIP) 21 Nov/nov 2000 (21.11.2000)
- (71) **MICRO THERAPEUTICS, INC.** [US/US]; 2 Goodyear, Irvine, CA 92618 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WALLACE, George** [US/US]; 10 Brentano Drive, Coto De Caza, CA 92679 (US). **GREFF, Richard, J.** [US/US]; 2891 Alton Drive, St. Pete Beach, FL 33706 (US). **SLEE, Earl, H.** [US/US]; 7 Whitesail, Laguna Niguel, CA 92677 (US). **WHALEN, Thomas, J., II** [US/US]; 958 Capri Road, Encinitas, CA 92024 (US).
- (74) **SWISS, Gerald, F.**; Burns, Doane, Swecker & Mathis L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/04**
- (11) **WO 02/39908** (13) A2
- (21) PCT/US01/43110
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/248,837 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • AUTOMATIC SUTURE FIXATION APPARATUS AND METHOD
- PROCEDE ET APPAREIL DE FIXATION DE SUTURES AUTOMATIQUE
- (71, 72) **HILL, J., Donald** [US/US]; 2040 Broadway Street, #101, San Francisco, CA 94115 (US). **BRIGGS, Geoff** [US/US]; 489 Valley View Road, Los Altos, CA 94024-4741 (US). **SIMS, Michael** [US/US]; 916 Irving Street, Montara, CA 94037-1176 (US). **HINMAN, Cameron, Dale** [US/US]; 9755 La Honda Road, Woodside, CA 94062 (US).
- (74) **ARPIN, James, B.**; Baker Botts LLP, The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, DC 20004-2400 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/068**
- (11) **WO 02/39909** (13) A1
- (21) PCT/IL01/00719
- (22) **2 Aug/août 2001 (02.08.2001)**
- (25) en (26) en
- (30) 139788 **20 Nov/nov 2000 IL (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • STAPLER FOR ENDOSCOPES
- AGRAFEUSE POUR ENDOSCOPES
- (71) **MEDIGUS LTD.** [IL/IL]; HaAmal Street 3, 84247 Beer-Sheva (IL).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SONNENSCHNEIN, Elazar** [IL/IL]; Rahavat Yavne 32, 84800 Beer-Sheva (IL). **SONNENSCHNEIN, Minelu** [IL/IL]; Yelim Street 12, 85025 Meitar (IL). **CRAINICH, Lawrence** [US/US]; 264 Ceda Road, Charlestown, NH 03603 (US).
- (74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).
- (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (q1)
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- (51)⁷ **A61B 17/12**
- (11) **WO 02/39910** (13) A2
- (21) PCT/US01/43598
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,463 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE FOR LAPAROSCOPIC TUBAL LIGATION
- DISPOSITIF DE LIGATURE DE TISSUS TUBULAIRES PAR LAPAROSCOPIE

- (71) **ESD MEDICAL, LLC** [US/US]; 7151 University Boulevard, Winter Park, FL 32792 (US). **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) **WILLIAMSON, Warren, P. IV** [US/US]; 101 Southbend Court, Loveland, OH 45140 (US). **BERKY, Craig, B.** [US/US]; 5700 Willnean Drive, Milford, OH 45150 (US). **WARD, Thomas, J.** [US/US]; 1363 W. 1st Avenue, Columbus, OH 43212 (US). **KELLER, George** [US/US]; 1398 West 2nd Avenue, Columbus, OH 43212-3406 (US). **WELLS, Timothy, N.** [US/US]; 10 Carpenter Close, Ridgefield, CT 06877 (US).
- (74) **CARTER, David, M.** et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Blvd., 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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/12**
- (11) **WO 02/39911** (13) A2
- (21) PCT/US01/44157
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/714,038 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **IMPLANTABLE DEVICES WITH POLYMERIC DETACHMENT JUNCTION**
- **DISPOSITIFS IMPLANTABLES COMPRENANT UN RACCORD DETACHABLE EN POLYMERE**
- (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) **EDER, Joseph, C.** [US/US]; 23423 Toyota Road, Los Altos Hills, CA 94024 (US).
- (74) **PASTERNAK, Dahna, S.**; Robins & Pasternak LLP, 545 Middlefield Road, Suite 180, Menlo Park, CA 94025 (US) et al. / etc.
- (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/22**
- (11) **WO 02/39912** (13) A1
- (21) PCT/US01/15342
- (22) **11 May/mai 2001 (11.05.2001)**
- (25) en (26) en
- (30) 09/715,667 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **SURGICAL GRASPING DEVICE AND METHOD OF USE**
- **PREHENSEUR CHIRURGICAL ET SON PROCEDE D'UTILISATION**
- (71) **CHESTNUT MEDICAL TECHNOLOGIES, INC.** [US/US]; 1485 Laurel Street, Menlo Park, CA 94025 (US).
- (72) **TRAN, Quang, Q.**; 11 Channel Drive, Redwood City, CA 94065 (US).
- (74) **CHOW, Y., Ping** et al. / etc.; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/34, 19/00, 17/22, 17/32**
- (11) **WO 02/39913** (13) A1
- (21) PCT/IT01/00571
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) it (26) en
- (30) RM2000A000593 **14 Nov/nov 2000 IT (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **SHAPE MEMORY DEVICE FOR STRANGULATING PEDUNCULATED POLYPS DURING ENDOSCOPY**
- **DISPOSITIF MEMOIRE DE FORME POUR ETRANGLER DES POLYPES PEDICULES LORS D'UNE ENDOSCOPIE**
- (71, 72) **PATERNUOSTO, Mario, Immacolato** [IT/IT]; Via Amalfi P. Co Diana, 4, I-81100 Caserta (IT).
- (74) **SARPI, Maurizio**; Studio Ferrario, Via Colina, 36, I-00187 Roma (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A61B 17/42, A61F 2/00**
- (11) **WO 02/39914** (13) A1
- (21) PCT/US01/44253
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,808 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **DEVICE AND METHOD FOR TREATING FEMALE URINARY INCONTINENCE**
- **DISPOSITIF ET PROCEDE DE TRAITEMENT DE L'INCONTINENCE URINAIRE FEMININE**
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55331-1566 (US).
- (72) **GELLMAN, Barry**; 19 Pebble Brook Road, North Easton, MA 02356 (US).
- (74) **BRESNAHAN, Maureen, A.**; 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 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 TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A61B 18/14**
- (11) **WO 02/39915** (13) A1
- (21) PCT/US01/15680
- (22) **16 May/mai 2001 (16.05.2001)**
- (25) en (26) en
- (30) PCT/US00/31561 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **SYSTEM AND METHOD OF TREATING ABNORMAL TISSUE IN THE HUMAN ESOPHAGUS**
- **SYSTEME ET PROCEDE DE TRAITEMENT DE TISSUS ANORMAUX DE L'ESOPHAGE DE L'HOMME**

(63) US PCT/US00/31561 (CIP)
16 Nov/nov 2000 (16.11.2000)

(71, 72) **GANZ, Robert, A.** [US/US]; 1431 Lakeview Avenue, Minneapolis, MN 55416 (US). **STERN, Roger, A.** [US/US]; 10418 Palo Vista Road, Cupertino, CA 95014 (US). **ZELICKSON, Brian, D.** [US/US]; 2764 Drew Avenue, Minneapolis, MN 55416 (US).

(74) **BAUMAN, Mary, P.** et al. / etc.; Fredrikson & Byron, P.A., 1100 International Centre, 900 Second Avenue South, Minneapolis, MN 55402 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A61B 19/00**

(11) **WO 02/39916** (13) A1

(21) PCT/RU01/00464

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) ru (26) ru

(30) 2000129401 **17 Nov/nov 2000 (17.11.2000)** RU

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MEDIUM DISPENSER FOR ENCLOSING HISTOLOGICAL AND BIOLOGICAL SAMPLES

● DISTRIBUTEUR DE MILIEU DESTINE A CONTENIR DES ECHANTILLONS HISTOLOGIQUES ET BIOLOGIQUES

(71, 72) **IZVOZTCHIKOV, Ilija Borisovitch** [RU/RU]; ul. Zhaka Djuklo, 8-2-18, St. Petersburg, 194223 (RU).

(81) DE JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **A61B 19/00**

(11) **WO 02/39917** (13) A1

(21) PCT/US00/31667

(22) **17 Nov/nov 2000 (17.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SYSTEMS AND METHODS FOR LOCATING AND DEFINING A TARGET LOCATION WITHIN A HUMAN BODY

● SYSTEMES ET PROCEDES DE LOCALISATION ET DEFINITION D'UNE CIBLE INTERIEURE AU CORPS HUMAIN

(63) US 09/078,982 (CIP)
14 May/mai 1998 (14.05.1998)

(71) **CALYPSO MEDICAL, INC.** [US]; Suite 3300, Two Union Square, Seattle, WA 98101 (US).

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

(72, 75) **KRAG, David** [US/US]; 252 Thomas Road, Shelburne, VT 05482 (US). **MEIER, Eric** [US/US]; 9125 NE First Avenue, Bellevue, WA 98004 (US). **DIMMER, Steve** [US/US]; 12810 NE 32nd Place, Bellevue, WA 98005 (US). **DURBIN, Thomas** [US/US]; 7660 Norcanyon Way, San Diego, CA 92126 (US). **MOODY, Trevor** [US/US]; 6537 Second Avenue NE, Seattle, WA 98115 (US). **SILVERSTEIN, Fred** [US/US]; 1246 15th Avenue East, Seattle, WA 98112 (US). **HARRY, Rosemary** [US/US]; 9848 46th Avenue SW, Seattle, WA 98136 (US). **FRECSKA, Richard** [US/US]; Apartment 4, 204 West Highland Drive, Seattle, WA 98119 (US). **KINSELLA, Amy** [US/US]; 1400 Hubbell Place, #1010, Seattle, WA 98101 (US). **GILBERT, Jon** [US/US]; 2436 30th Avenue West, Seattle, WA 98119 (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A61B 19/00**

(11) **WO 02/39918** (13) A1

(21) PCT/US00/31673

(22) **17 Nov/nov 2000 (17.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SYSTEMS AND METHODS FOR STABILIZING A TARGET LOCATION WITHIN A HUMAN BODY

● SYSTEMES ET PROCEDES DE STABILISATION DE LA POSITION D'UNE CIBLE A L'INTERIEUR DU CORPS HUMAIN

(63) US 09/078,982 (CIP)
14 May/mai 1998 (14.05.1998)

(71) **CALYPSO MEDICAL, INC.** [US]; Suite 3300, Two Union Square, Seattle, WA 98101 (US).

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

(72, 75) **KRAG, David** [US/US]; 252 Thomas Road, Shelburne, VT 05482 (US). **DIMMER, Steve** [US/US]; 12810 NE 32nd Place, Bellevue, WA 98005 (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI

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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A61C**

(11) **WO 02/39919** (13) A2

(21) PCT/US01/50815

(22) **22 Oct/oct 2001 (22.10.2001)**

(25) en (26) en

(30) 09/712,520 **14 Nov/nov 2000 (14.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● APPARATUS FOR APPLYING SUCTION ADJACENT TO A TOOTH

● APPAREIL PERMETTANT DE PRODUIRE UNE ASPIRATION A PROXIMITE D'UNE DENT

(71) **ELLENBECKER, John, R.** [US/US]; 2211 N. Jordan Avenue, Juneau, AK 99801 (US).

(74) **KAARDAL, Ivar, M.**; Kaardal & Associates, PC, 3500 S. First Avenue Circle, Suite 250, Sioux Falls, SD 57105-5802 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61C 5/04, 5/06, A61J 1/06**

(11) **WO 02/39920** (13) A1

(21) PCT/AU01/01477

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) PR 1464 **15 Nov/nov 2000 (15.11.2000)** AU

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A DENTAL CAPSULE

● CAPSULE DENTAIRE

(71) **SDI LIMITED** [AU/AU]; 5-9 Brunson Street, Bayswater, VIC 3153 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEETHAM, Joshua, James** [AU/AU]; 9 Bates Street, East Malvern, VIC 3145 (AU). **FARRAR, Paul, James** [AU/AU]; 19/28 Jeffcott Street, West Melbourne, VIC 3003 (AU).

(74) **LORD, Kelvin, Ernest**; Lord & Company, 4 Douro Place, West Perth, W.A. 6005 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61C 8/00**
- (11) **WO 02/39921** (13) A1
- (21) PCT/IB01/02056
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) en (26) en
- (30) T000A001056 **14 Nov/nov 2000** IT
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **IMPLANT DEVICE FOR DENTAL PROSTHESES**
- **DISPOSITIF D'IMPLANT POUR PROTHESES DENTAIRE**
- (71, 72) **CORTESE, Giancarlo** [IT/IT]; Via Santa Giulia, 12, I-10124 Torino (IT).
- (74) **SPANDONARI, Carlo**; Spandonari & Modiano S.r.l., Corso Duca degli Abruzzi, 16, I-10129 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61C 11/00**
- (11) **WO 02/39922** (13) A1
- (21) PCT/US01/46159
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/713,126 **15 Nov/nov 2000** US
(15.11.2000)
- (30) 09/772,264 **29 Jan/jan 2001** US
(29.01.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **DENTAL CAST TRAY ASSEMBLY**
- **ENSEMBLE PORTE-EMPREINTE POUR PIECE DENTAIRE COULEE**
- (71, 72) **CRONIN, Richard, J.** [US/US]; 45 Cypress Street, Medfield, MA 02052 (US).
- (74) **KRIEGSMAN, Daniel, S.** et al. / etc.; Kriegsman & Kriegsman, 665 Franklin Street, Framingham, MA 01702 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/39923** (13) A2
- (21) PCT/US01/42832
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en
- (30) 60/243,442 **27 Oct/oct 2000** US
(27.10.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **INHIBITION OF ALPHA-2 HS GLYCOPROTEIN (AHSG/FETUIN) IN OBESITY AND INSULIN CONTROL OF GLUCOSE HOMEOSTASIS**
- **INHIBITION DE LA GLYCOPROTÉINE ALPHA-2 HS (AHSG/FÉTUINE) EN TRAITEMENT DE L'OBÉSITÉ ET EN RÉGULATION INSULINIQUE DE L'HOMÉOSTASE GLUCOSIQUE**
- (71) **WAYNE STATE UNIVERSITY** [US/US]; 656 W. Kirby Street, Detroit, MI 48202 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRUNBERGER, George** [US/US]; 926 Balfour Street, Grosse Pointe Park, MI 48230 (US). **MATHEWS, Suresh, T.** [IN/US]; 25670 Lexington Lane, Roseville, MI 48066 (US). **JEN, Kai-Lin, Catherine** [US/US]; 5159 Provincial Drive, Bloomfield Hills, MI 48302 (US). **GOUSTIN, Anton, Scott** [US/US]; 361 West Drayton, Ferndale, MI 48220 (US). **SRINIVAS, Pothur, R.** [IN/US]; 9792 Laurel Way, Apartment 1A, Laurel, MD 20723 (US).
- (74) **LIVNAT, Shmuel**; Venable, Baetjer, Howard & Civiletti, LLP, Suite 1000, 1201 New York Avenue, NW, Washington, DC 20005-3917 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61F 2/00**
- (11) **WO 02/39924** (13) A2
- (21) PCT/CA01/01587
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 60/249,288 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **ENDOVASCULAR PROSTHESIS**
- **PROTHESE ENDOVASCULAIRE**
- (71) **EVYSIO MEDICAL DEVICES ULC** [CA/CA]; 865 West 10th Avenue, Vancouver, British Columbia V5Z 1L7 (CA). (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **ERBEL, Raimund** [DE/DE]; Hufelandstrabe 55, 45147 Essen (DE). **PENN, Ian, M.** [CA/CA]; 4511 Bellevue Drive, Vancouver, British Columbia V6R 1E4 (CA).
- (72, 75) **RICCI, Donald, R.** [CA/CA]; 4443 West 3rd Avenue, Vancouver, British Columbia V6R 1M9 (CA). **SHUKOV, George, A.** [US/US]; 14440 De Bell Road, Los Altos Hills, CA 94022 (US).
- (74) **NASSIF, Omar, A.** et al. / etc.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/39925** (13) A2
- (21) PCT/CA01/01588
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 60/249,252 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **ENDOVASCULAR PROSTHESIS**
- **PROTHESE ENDOVASCULAIRE**
- (71) **EVYSIO MEDICAL DEVICES ULC** [CA/CA]; 865 West 10th Avenue, Vancouver, British Columbia V5Z 1L7 (CA). (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **ERBEL, Raimund** [DE/DE]; Hufelandstrabe 55, D-45147 Essen (DE).
- (72, 75) **RICCI, Donald, R.** [CA/CA]; 4443 West 3rd Avenue, Vancouver, British Columbia V6R 1M9 (CA). **PENN, Ian, M.** [CA/CA]; 4511 Bellevue Drive, Vancouver, British Columbia V6R 1E4 (CA). **SHUKOV, George, A.** [US/US]; 14440 De Bell Road, Los Altos Hill, CA 94022 (US).
- (74) **NASSIF, Omar, A.** et al. / etc.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 02/39926** (13) A2
(21) PCT/US01/32470
(22) **16 Oct/oct 2001 (16.10.2001)**
(25) en (26) en
(30) 09/713,648 **14 Nov/nov 2000** US
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● STENT AND CATHETER ASSEMBLY
AND METHOD FOR TREATING BI-
FURCATED VESSELS
● ENSEMBLE ENDOPROTHESE ET
CATHETER ET PROCEDE DE TRAITE-
MENT DE VAISSEUX BIFURQUES
(71) **ADVANCED CARDIOVASCULAR SYS-
TEMS, INC.** [US/US]; 3200 Lakeside Drive,
Santa Clara, CA 95054-2807 (US).
(72) **REISS, Paul**; 1700 Halford Avenue, No.
319, Santa Clara, CA 95051 (US). **DEN-
NEHY, Mary**; 636 Palomino Drive, Pleasonton,
CA 94566 (US).
(74) **HANKE, Gunther, O.** 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
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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 02/39927** (13) A2
(21) PCT/US01/43223
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 60/252,005 **20 Nov/nov 2000** US
(20.11.2000)
(30) 60/253,107 **27 Nov/nov 2000** US
(27.11.2000)
(30) Not furnished / **15 Nov/nov 2001** US
non communiqué (15.11.2001)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● MULTI-LAYERED RADIOPAQUE
COATING ON INTRAVASCULAR DE-
VICES
● REVETEMENT RADIO-OPAQUE A
COUCHES MULTIPLES DESTINE
- A DES DISPOSITIFS INTRAVASCU-
LAIRES
(71) **IMPLANT SCIENCES CORPORATION**
[US/US]; 107 Audubon Road #5, Wakefield,
MA 01880 (US).
(72) **SAHAGIAN, Richard**; Burlington, MA
(US).
(74) **PHAM, Chinh, H.** et al. / etc.; Foley, Hoag
& Eliot LLP, One Post Office Square, Boston,
MA 02109-2170 (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 SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 02/39928** (13) A2
(21) PCT/US01/44827
(22) **11 Nov/nov 2001 (11.11.2001)**
(25) en (26) en
(30) 60/249,066 **15 Nov/nov 2000** US
(15.11.2000)
(30) 60/248,989 **15 Nov/nov 2000** US
(15.11.2000)
(30) 60/254,949 **15 Nov/nov 2000** US
(15.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● SOFT-TISSUE TUBULAR PROSTHE-
SES WITH SEAMED TRANSITIONS
● PROTHESES TUBULAIRES EN TISSU
SOUPLE AVEC TRANSITIONS A
JUNCTION
(71) **MCMURRAY FABRICS, INC.** [US/US];
P.O. Box 67, U.S. Hwy. 5, Sandhills Indus-
trial Park, Aberdeen, NC 28315 (US).
(72, 75) **SCHMITT, Peter** [US/US]; P.O. Box 67,
U.S. Hwy. 5, Sandhills Industrial Park, Ab-
erdeen, NC 28315 (US).
(74) **CALKINS, Charles** et al. / etc.; Kilpatrick
Stockton LLP, 1001 West Fourth Street, Win-
ston-Salem, NC 27101 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 02/39929** (13) A2
(21) PCT/US01/50707
(22) **24 Oct/oct 2001 (24.10.2001)**
(25) en (26) en
(30) 09/716,757 **20 Nov/nov 2000** US
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● HYBRID SLEEVE MATERIAL AND
STRUCTURE
● MATÉRIAU ET STRUCTURE DE MAN-
CHON HYBRIDE
(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) **CHEN, John, J.** [US/US]; 4725 Ter-
raceview Lane, Plymouth, MN 55446 (US).
HORN, Daniel, J. [US/US]; 291 Poplar
Drive, Shoreview, MN 55126 (US).
(74) **ARRETT, Richard**; Vidas, Arrett & Stein-
rkras, 6109 Blue Circle Drive, Suite 2000,
Minnetonka, MN 55343-9185 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **A61F 2/14, A61L 27/44, 27/56**
(11) **WO 02/39930** (13) A1
(21) PCT/JP01/00917
(22) **9 Feb/fév 2001 (09.02.2001)**
(25) ja (26) ja
(30) 2000/351815 **17 Nov/nov 2000** JP
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● FILM FOR MEDICAL USE AND
PROCESS FOR THE PRODUCTION
THEREOF, AND ARTIFICIAL CORNEA
WITH THE USE OF THE SAME AND
PROCESS FOR THE PRODUCTION
THEREOF
● FILM A USAGE MEDICAL ET PRO-
CEDE DE PRODUCTION DE CELUI-CI,
CORNEE ARTIFICIELLE FAISANT
APPEL A CE FILM ET PROCEDE DE
PRODUCTION DE CELLE-CI
(71) **MENICON CO., LTD.** [JP/JP]; 21-19, Aoi
3-chome, Naka-ku, Nagoya-shi, Aichi 460-
0006 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **WATANABE, Motonari** [JP/JP]; c/o
MENICON CO., LTD., Central research
laboratories, 1-10, Takamori-dai 5-chome,
Kasugai-shi, Aichi 487-0032 (JP). **ANDO,
Ichiro** [JP/JP]; c/o MENICON CO., LTD.,
Central research laboratories, 1-10, Takamori-
dai 5-chome, Kasugai-shi, Aichi 487-0032
(JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) AU CA CN JP SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61F 2/40**

(11) **WO 02/39931** (13) A1

(21) PCT/CH01/00674

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 2235/00 **16 Nov/nov 2000 (16.11.2000)** CH

(43) 23 May/mai 2002 (23.05.2002)

(54) • **JOINT PROSTHESIS**
• **PROTHESE D'ARTICULATION**

(71, 72) **HORBER, Willi** [CH/CH]; Turbinenstrasse 12, CH-8005 Zürich (CH).

(74) **WALDER, Martin, B.** et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestasstrasse 8, CH-7310 Bad Ragaz (CH).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61F 2/40**

(11) **WO 02/39932** (13) A1

(21) PCT/CH01/00675

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 2234/00 **16 Nov/nov 2000 (16.11.2000)** CH

(43) 23 May/mai 2002 (23.05.2002)

(54) • **JOINT PROSTHESIS**
• **PROTHESE D'ARTICULATION**

(71, 72) **HORBER, Willi** [CH/CH]; Turbinenstrasse 12, CH-8005 Zürich (CH).

(74) **WALDER, Martin, B.** et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestasstrasse 8, CH-7310 Bad Ragaz (CH).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61F 2/40**

(11) **WO 02/39933** (13) A1

(21) PCT/CH01/00676

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 2234/00 **16 Nov/nov 2000 (16.11.2000)** CH

(30) 2235/00 **16 Nov/nov 2000 (16.11.2000)** CH

(43) 23 May/mai 2002 (23.05.2002)

(54) • **ENDOPROSTHESIS FOR A SHOULDER JOINT**
• **ENDOPROTHESE POUR ARTICULATION DE L'EPAULE**

(71, 72) **HORBER, Willi** [CH/CH]; Turbinenstrasse 12, CH-8005 Zürich (CH).

(74) **WALDER, Martin, B.** et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestasstrasse 8, CH-7310 Bad Ragaz (CH).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **A61F 2/50, 2/66, 2/64, 2/58**

(11) **WO 02/39934** (13) A1

(21) PCT/JP01/09918

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) ja (26) ja

(30) 2000-347505 **15 Nov/nov 2000 (15.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • **BODY PROSTHETIC IMPLEMENT**
• **PROTHESE CORPORELLE**

(71) **SHIYOMI PROSTHETIC MFG., INC.** [JP/JP]; 1861-8, Minamigata, Kawachi-cho, Onsen-gun, Ehime 791-0301 (JP). **HOKUSHINKAI MEDICAL CORPORATION** [JP/JP]; 444-1, Himi Hei, Saijo-shi, Ehime 793-0073 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORINAKA, Shigeru** [JP/JP]; 1861-8, Minamigata, Kawachi-cho, Onsen-gun, Ehime 791-0301 (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 BY 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 TR TT UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **A61F 5/01, 5/02**

(11) **WO 02/39935** (13) A1

(21) PCT/US00/30139

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • **ORTHOTIC TRAUMA DEVICE**
• **DISPOSITIF POUR TRAUMATISME ORTHETIQUE**

(71) **BIO CYBERNETICS INTERNATIONAL** [US/US]; Suite 201, 2828 East Foothill Boulevard, Pasadena, CA 91107 (US).

(72) **HEINZ, Thomas, J.**; 3965 Windsor Place, Flintridge, CA 91011 (US). **PARK, Dae, Shik**; 1703 Peacock Lane, Fullerton, CA 92833 (US). **STEFANSSON, Rafn**; 1825 Alpine Drive, San Marino, CA 91108 (US).

(74) **ORAM, George, E., Jr.** et al. / etc.; Arrent Fox Kintner Plotkin & Kahn, PLLC, Suite 600, 1050 Connecticut Avenue, NW, Washington, DC 20036-5339 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A61F 5/445**

(11) **WO 02/39936** (13) A1

(21) PCT/JP01/06018

(22) **11 Jul/juil 2001 (11.07.2001)**

(25) ja (26) ja

(30) 2000-391616 **18 Nov/nov 2000 (18.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • **POUCH FOR STOMA AND METHOD FOR TREATING**
• **POCHE POUR STOMIE ET METHODE DE TRAITEMENT**

(71, 72) **SAKAMOTO, Atsunobu** [JP/JP]; 10-15, Minamiyama 3-chome, Shiroy-shi, Chiba 270-1423 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

(51)⁷ **A61F 5/451, A61G 9/00**

(11) **WO 02/39937** (13) A1

(21) PCT/JP01/10087

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) ja (26) ja

(30) 2000-352349 **20 Nov/nov 2000 (20.11.2000)** JP

(30) 2001-41647 **19 Feb/fév 2001 (19.02.2001)** JP

(30) 2001-267646 **4 Sep/sep 2001 (04.09.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • **EXCREMENT TREATING SYSTEM AND EXCREMENT RECEIVING CUP AND TREATING METHOD IN EXCREMENT TREATING SYSTEM**

• **SYSTEME DE TRAITEMENT D'EXCREMENTS ET RECIPIENT DE RECEPTION D'EXCREMENTS ET PROCEDE DE TRAITEMENT UTILISE DANS LE SYSTEME DE TRAITEMENT D'EXCREMENTS**

(71) **ALUBO CO., LTD.** [JP/JP]; 9-1, Shinmiyakoda 1-chome, Hamamatsu-shi, Shizuoka 431-2103 (JP).

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

(71, 72) **KITAMURA, Teruo** [JP/JP]; 75-12, Uematsucho, Hamamatsu-shi, Shizuoka 430-0803 (JP).

(74) **MURATA, Minoru**; 2-10, Kandaogawamachi 3-chome, Chiyoda-ku, Tokyo 101-0052 (JP).

(81) AU BR CA CN IL IN KR MX NO NZ RU SG UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61F 5/451, A61G 9/00**

(11) **WO 02/39938** (13) A1

(21) PCT/JP01/10088

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) ja (26) ja

(30) 2000-352349 **20 Nov/nov 2000 (20.11.2000)** JP

(30) 2001-041647 **19 Feb/fév 2001 (19.02.2001)** JP

(30) 2001-267646 **4 Sep/sep 2001 (04.09.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • EXCRETION DISPOSAL DEVICE

• DISPOSITIF D'ELIMINATION D'EXCREMENTS

(71) **ALUBO CO., LTD.** [JP/JP]; 9-1, Shimmiyakoda 1-chome, Hamamatsu-shi, Shizuoka 431-2103 (JP).

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

(71, 72) **KITAMURA, Teruo** [JP/JP]; 75-12, Uematsucho, Hamamatsu-shi, Shizuoka 430-0803 (JP).

(74) **MURATA, Minoru**; 2-10, Kandaogawamachi 3-chome, Chiyoda-ku, Tokyo 101-0052 (JP).

(81) AU BR CA CN IL IN KR MX NO NZ RU SG UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61F 5/55**

(11) **WO 02/39939** (13) A1

(21) PCT/SE01/02430

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) sv (26) en

(30) 0004106-1 **10 Nov/nov 2000 (10.11.2000)** SE

(43) 23 May/mai 2002 (23.05.2002)

(54) • TRACTION COLLAR

• COLLIER A TRACTION

(71, 72) **AXELSSON, Stefan** [SE/SE]; Slipgatan 2, S-117 39 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

GH GM HR HU ID 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 PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61F 13/02**

(11) **WO 02/39940** (13) A2

(21) PCT/DK01/00741

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) en (26) en

(30) PA 2000 01745 **20 Nov/nov 2000 (20.11.2000)** DK

(43) 23 May/mai 2002 (23.05.2002)

(54) • A DRESSING

• PANSEMENT

(71) **COLOPLAST A/S** [DK/DK]; Høltedam 1, DK-3050 Humlebaek (DK).

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

(72, 75) **KOLTE, Mette, Irene** [DK/DK]; Statholdervej 15, 1.tv., DK-2400 København NV (DK). **WOLSING, Anne, Mette** [DK/DK]; Nørredamsvej 46c, DK-3480 Frelensborg (DK). **STIGSEN, Jeppe** [DK/DK]; Løbjerg 14, DK-3460 Birkerød (DK). **KVISGAARD, jette** [DK/DK]; Stenhævevænge 13, DK-2970 Hørsholm (DK).

(74) **COLOPLAST A/S**; Sørensen, Mette, Winther, Høltedam 1, DK-3050 Humlebaek (DK).

(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 FR GB GR IE IT LU MC NL PT SE 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61F 13/15**

(11) **WO 02/39941** (13) A1

(21) PCT/US01/31070

(22) **4 Oct/oct 2001 (04.10.2001)**

(25) en (26) en

(30) 09/712,734 **14 Nov/nov 2000 (14.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • MECHANICALLY COMPACTED NON-WOVEN FABRIC FOR DISPOSABLE SANITARY ARTICLE SUBLAYER

• TEXTILE NON TISSE COMPRIME MECANIQUEMENT DESTINE A UNE SOUS-COUCHE D'ARTICLE HYGIENIQUE JETABLE

(71) **POLYMER GROUP, INC.** [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29405 (US).

(72) **ZUCKER, Jerry**; 16 Buckingham Drive, Charleston, SC 29407 (US).

(74) **PYLE, Russell et al.** / etc.; Pyle & Piontek, Suite 850, 221 N. LaSalle Street, Chicago, IL 60601 (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 EE ES FI FR GB GR IE IT LU MC NL PT SE 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61F 13/36, A61M 35/00**

(11) **WO 02/39942** (13) A1

(21) PCT/CN01/01557

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) zh (26) zh

(30) 00 1 33593.6 **15 Nov/nov 2000 (15.11.2000)** CN

(43) 23 May/mai 2002 (23.05.2002)

(54) • SWAB UNIT

• TAMPON

(71, 72) **WU, Zhendong** [CN/CN]; 8 Julongbei Road, Xinqu District, Lianyungang City, Jiangu 222006 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 10/F, Ocean Plaza, 158 Fuxingmennei Street, Beijing 100031 (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 FR GB GR IE IT LU MC NL PT SE 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 **A61F 13/551, 15/00**

(11) **WO 02/39943** (13) A2

(21) PCT/US01/44975

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/713,604 **15 Nov/nov 2000 (15.11.2000)** US

(30) 09/713,496 **15 Nov/nov 2000 (15.11.2000)** US

(30) 09/713,565 **15 Nov/nov 2000 (15.11.2000)** US

(30) 09/713,497 **15 Nov/nov 2000 (15.11.2000)** US

(30) 09/713,596 **15 Nov/nov 2000 (15.11.2000)** US

- (30) 09/965,842 **28 Sep/sep 2001** US
(**28.09.2001**) RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) 10/043,895 **9 Nov/nov 2001** US
(**09.11.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **PACKAGE FOR ABSORBENT ARTICLES**
• **CONDITIONNEMENT POUR ARTICLES ABSORBANTS**
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LING, Lu** [CN/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **MAXTON, Jacqueline, M.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **NICHOLS, Ann, M.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **COTTINGHAM, Jeffery, R.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **XUEEN, Hao** [CN/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **MARTIN, Scott, R.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **MCMANUS, James, D.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **KOLTERJOHN, Alison, B.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **HUFFMAN, Dawn, M.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **TWITCHELL, Brian, G.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **LASKA, Dennis, P.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **SOREBO, Heather, A.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **BECHYNE, Kami, L.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **MCDANIEL, Mary, Lou** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). **MOE, Emily, M.** [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US).
- (74) **CRAWFORD, David, E., Jr.** 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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61G**
- (11) **WO 02/39944** (13) A2
(21) PCT/US01/45144
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 60/252,110 **20 Nov/nov 2000** US
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **MULTIPURPOSE ROLL-IN EMERGENCY COT**
• **LIT D'URGENCE ROULANT MULTIFONCTIONNEL**
- (71) **FERNO-WASHINGTON, INC.** [US/US]; 70 Weil Way, Wilmington, OH 45177-9371 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MYERS, Dean, E.** [—/US]; 510 East Temple Street, Washington Court House, OH 43160 (US). **BROWN, Patrick, R., S.** [—/US]; 185 Pelham Drive, South, Kettering, OH 45429 (US). **ESTRELLADO, Reynaldo, Jr.** [—/US]; 8808 Windsong Way, West Chester, OH 45069 (US). **DIETZ, Tim** [—/US]; 285 Park Lane, Springboro, OH 45066 (US). **SMITH, Bret, William** [—/US]; 2925 Erin Court, Loveland, OH 45140 (US). **LINGER, David, Ralph** [—/US]; 11836 Hawthorn Woods Court, Loveland, OH 45140 (US). **BENEDICT, William, Harry** [—/US]; 6760 Plymouth Road, Jamestown, OH 45335 (US). **VAN DYNE, Eugene** [—/US]; 87 Murphy Road, Wilmington, OH 45177 (US). **SUTTON, Warren, Dale, Sr.** [—/US]; 101 Fremont Street, Wathena, KS 66090 (US). **HAMANN, David, L.** [—/US]; 4242 Kirby Avenue, Cincinnati, OH 45223 (US).
- (74) **JIVIDEN, William, A.** et al. / etc.; Kilworth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61H**
- (11) **WO 02/39945** (13) A2
(21) PCT/GB01/04999
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) 0028019.8 **17 Nov/nov 2000** GB
(**17.11.2000**)
- (30) 0123523.3 **1 Oct/oct 2001** GB
(**01.10.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **APPLICATOR AND STIMULATOR DEVICE**
• **APPLICATEUR ET DISPOSITIF STIMULATEUR**
- (71) **ICEBELLA ENTERPRISES LIMITED** [GB/GB]; 2A Bridge Street, Silsden, Keighley BD20 9NB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KEMP, Donald, Jack** [GB/GB]; Pax house, The Bridgeway, Selsey, Chichester PO20 0LQ (GB). **PAUL, Elizabeth** [GB/GB]; Bracken Hill, 19 Westwood Rise, Ilkley LS9 9SW (GB).
- (74) **SELBY-LOWNDES, Guy, Francis, Charles**; Moonrakers, Durfold Wood, Plaistow, Billingshurst RH14 0PL (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61J**
- (11) **WO 02/39946** (13) A2
(21) PCT/US01/51262
(22) **25 Oct/oct 2001 (25.10.2001)**
(25) en (26) en
(30) 60/244,528 **31 Oct/oct 2000** US
(**31.10.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **PACKAGING AND DELIVERY SYSTEM FOR BONE GRAFT PARTICLES**
• **SYSTEME DE CONDITIONNEMENT ET D'APPORT POUR PARTICULES DE GREFFE OSSEUSE**
- (71) **SMITH & NEPHEW, INC.** [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).
- (72) **COOPER, Michael, B.**; 5665 Dunwoody Avenue, Memphis, TN 38120 (US). **RILEY, Stephanie**; 6551 South Country Oaks Circle, Memphis, TN 38115 (US). **HARBER, James, C.**; 1977 Linden Avenue, Memphis, TN 38104 (US). **MARTIN, Jeff**; 7456 Canella Cove, Germantown, TN 38138 (US).
- (74) **STACEY, George** et al. / etc.; Smith & Nephew, Inc., 1450 Brooks Road, Memphis, TN 38116 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

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

(51)⁷ **A61K**

(11) **WO 02/39947** (13) A2

(21) PCT/FR01/03631

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) fr (26) fr

(30) 00/14945 **20 Nov/nov 2000** FR
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CARRIER VECTORS THROUGH AN EPITHELIUM WITH TIGHT JUNCTIONS

● VECTEURS DE TRANSPORT A TRAVERS UN EPITHELIUM A JONCTIONS SERREES

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3, rue Michel-Ange, F-75016 PARIS (FR).

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

(72, 75) **JOLIOT, Alain** [FR/FR]; 34, rue de Citeaux, F-75012 Paris (FR). **DUPONT, Edmond** [FR/FR]; 40, rue Damremont, F-75018 Paris (FR). **PROCHIANTZ, Alain** [FR/FR]; 8, rue Marie-Pape-Carpantier, F-75006 Paris (FR).

(74) **VIALLE-PRESLES, Marie-José** et al. / etc.; Cabinet Orès, 6, avenue de Messine, F-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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 02/39948** (13) A2

(21) PCT/IL01/01050

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 60/248,447 **14 Nov/nov 2000** US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CROSS-LINKED HYALURONIC ACID-LAMININ GELS AND USE THEREOF IN CELL CULTURE AND MEDICAL IMPLANTS

● GELS DE LAMININE ET D'ACIDE HYALURONIQUE RETICULE ET LEUR UTILISATION DANS LA CULTURE CELLULAIRE ET LES IMPLANTS MEDICAUX

(71) **N.V.R. LABS BVI** [IL/IL]; Innstiger Beauford House, P.O. Box 438, Road Town, Tortola (VG).

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

(72, 75) **SHAHAR, Abraham** [IL/IL]; Henkin Street 1/34, 76354 Rehovot (IL). **NEVO, Zvi** [IL/IL]; 11 Yair Stern Street, 46425 Herzlia (IL). **ROCHKIND, Shimon** [IL/IL]; 3B Kashani Street, 69499 Ramat Aviv Gimel (IL).

(74) **WEBB, Cynthia**; Webb & Associates, P.O. Box 2189, 76121 Rehovot (IL).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 02/39949** (13) A2

(21) PCT/US01/42946

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/712,165 **15 Nov/nov 2000** US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PLATELET/LEUKOCYTE INTERACTION ASSAY AND REAGENT THEREFOR

● DOSAGE DE REACTION THROMBOCYTES / LEUCOCYTES ET REACTIF PREVU A CET EFFET

(71) **PHARMANETICS INCORPORATED** [US/US]; Suite 140, 9401 Globe Center Drive, Morrisville, NC 27560 (US).

(72) **MAHAN, Donald, E.**; 10709 Crisp Drive, Raleigh, NC 27614 (US). **STEWART, Michael, W.**; 6 Place Laurent, St. Albert, Alberta T8N 4N5 (CA).

(74) **MASON, J., Derek**; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 02/39950** (13) A2

(21) PCT/US01/43488

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 09/716,182 **17 Nov/nov 2000** US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ANHYDROUS COSMETIC COMPOSITION AND GEL VEHICLE

● COMPOSITION COSMÉTIQUE ANHYDRE ET GEL DE TRANSPORT

(71) **AVON PRODUCTS, INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 10020-1196 (US).

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

(72, 75) **MATESEVAC, Ronald, A.** [US/US]; 444 New Bridge Road, Teaneck, NJ 07666 (US). **KEPLIN, Judy** [US/US]; 10 South Lexington Hill road, Unit #3, Harriman, NY 10926 (US). **BENNETT, Beatriz** [US/US]; 66 Norman Road, Ramsey, NJ 07446 (US).

(74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 10th floor, One Landmark Square, Stamford, CT 06901-2682 (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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 02/39951** (13) A2

(21) PCT/US01/43537

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/249,173 **15 Nov/nov 2000** US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● YEAST-DENTRITIC CELL VACCINES AND USES THEREOF

● VACCINS A BASE DE CELLULES DENDRITIQUES ET DE LEVURE, ET LEURS UTILISATIONS

(71) **GLOBE IMMUNE, INC.** [US/US]; 1899 Gaylord Street, Denver, CO 80206 (US). **UNIVERSITY TECHNOLOGY CORP.** [US/US]; Suite 230, 4001 Discovery Drive, Boulder, CO 80303 (US).

(72) **DUKE, Richard, C.**; 934 S. Josephine Street, Denver, CO 80209 (US). **BELL-GRAU, Donald**; Box 23122, Silverthorne, CO 80498 (US). **FRANZUSOFF, Alex**; 860 Ogden Street, Denver, CO 80218 (US). **WILSON, Cara, C.**; 966 Dogwood Drive, Golden, CO 80401 (US).

(74) **DALLAS, Angela, K.** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 NO NZ PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 02/39952 (13) A2

(21) PCT/US01/43566

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,722 16 Nov/nov 2000 US (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYNERGISTIC ECTA COMPOSITIONS
• COMPOSITIONS SYNERGIQUES D'ACTIVATION THERAPEUTIQUE PAR CATALYSE ENZYMATIQUE

(71) NEWBIOTICS, INC. [US/US]; Suite E, 11760 Sorrento Valley Road, San Diego, CA 92121 (US).

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

(72, 75) SHEPARD, H., Michael [US/US]; 1256 Quail Garden Court, Encinitas, CA 92024 (US). BOYER, Christopher [US/US]; 936 Beryl Street, San Diego, CA 92109 (US).

(74) KONSKI, Antoinette, F.; McCutchen, Doyle Brown & Enersen, LLP, Three Embarcadero Center, Suite 1800, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 02/39953 (13) A2

(21) PCT/US01/43590

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,523 17 Nov/nov 2000 US (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • TEXAPHYRIN COORDINATION COMPOUNDS AND USES THEREOF
• COMPOSES DE COORDINATION DE TEXAPHYRINE ET LEURS UTILISATIONS

(71) PHARMACYCLICS, INC. [US/US]; 995 East Arques Avenue, Sunnyvale, CA 94086-4521 (US).

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

(72, 75) MAGDA, Darren [US/US]; 10165 Empire Avenue, Cupertino, CA 95014 (US).

MILES, Dale [US/US]; 685 Garland Avenue, #51, Sunnyvale, CA 94086 (US). GERASIMCHUK, Nick [RU/US]; 4355 South National Avenue, #1805, Springfield, MO 65801 (US). LEPP, Cheryl [US/US]; 725 Mariposa Avenue, #303, Mountain View, CA 94041 (US).

(74) KATHARDEKAR, Vinit, G.; Pharmacyclics, Inc., 995 East Arques Avenue, Sunnyvale, CA 94085-4521 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 02/39954 (13) A2

(21) PCT/US01/43814

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) 60/249,963 20 Nov/nov 2000 US (20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • NOVEL COMPOUNDS
• NOUVEAUX COMPOSES

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).

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

(72, 75) ADAMS, Jerry, L. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). BRYAN, Deborah, L. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) DINNER, Dara, L. et al. / etc.; SmithKline Beecham Corporation, 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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 02/39955 (13) A2

(21) PCT/US01/43911

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 9/713,904 16 Nov/nov 2000 US (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • BIODEGRADABLE MIXED POLYMERIC MICELLES FOR DRUG DELIVERY

• MICELLES POLYMERES MELANGES BIODEGRADABLES DESTINEES A L'ADMINISTRATION DE MEDICAMENTS

(71) EXPRESSION GENETICS, INC. [US/US]; 9520 South State Street, Sandy, UT 84070 (US).

(72) CHOI, Young Kweon; 105-1605, Cheonggu Narae Apt., Yuseung-ku, 305-390 Taejeon (KR). KIM, Jin Seok; Hundai-Apt, 210-401, Gueui-Dong, Kwangjin-Gu, 143-200, Seoul (KR).

(74) WESTERN, M., Wayne et al. / etc.; Thorpe, North & Western, L.L.P., P.O. Box 1219, Sandy, UT 84091-1219 (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 SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) WO 02/39956 (13) A2

(21) PCT/US01/43931

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,942 15 Nov/nov 2000 US (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • BLACK TEA EXTRACT FOR PREVENTION OF DISEASE

• EXTRAIT DE THE NOIR POUR PREVENTION DE PATHOLOGIES

(71) RUTGERS, THE STATE UNIVERSITY [US/US]; Old Queens Building, Somerset and George Streets, New Brunswick, NJ 08901 (US).

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

(72, 75) CHEN, Kuang, Yu [CN/US]; 4 Silverton Lane, Belle Mead, NJ 08502 (US). HO, Chi-Tang [US/US]; 32 Jernee Drive, East Brunswick, NJ 08816 (US). ROSEN, Robert, T. [US/US]; 347 Harrier Drive, Monroe Township, NJ 08831 (US). GHAI, Geetha [US/US]; 250 Gallinson Drive, Murray Hill, NJ 07974 (US).

(74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrell P.C., 66 E. Main Street, Marlton, NJ 08053 (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 PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ A61K

(11) WO 02/39957 (13) A2

(21) PCT/US01/47136

(22) 6 Nov/nov 2001 (06.11.2001)

(25) en (26) en

(30) 60/246,038 6 Nov/nov 2000 US
(06.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CHROMATOGRAPHIC PROCESSES
FOR RECOVERY OF ISOSORBIDE

• PROCEDES CHROMATOGRAP-
HIQUES DE RECUPERATION D'ISO-
BORURE

(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) DALZIEL, Sean, Mark [AU/US];
2201-C Prior Road, Wilmington, DE 19809
(US). GREEN, Daniel, Albert [US/US];
102 Chestnut Lane, Moylan, PA 19063 (US).
ZOLANDZ, Raymond, Richard [US/US];
2724 Barnsley Road, Wilmington, DE 19808
(US).(74) SIEGELL, Barbara, C.; E.I. Dupont de
Nemours and Company, Legal Patent Records
Center, 1007 Market Street, Wilmington, DE
19898 (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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (q1)

(51)⁷ A61K

(11) WO 02/39958 (13) A2

(21) PCT/US01/51136

(22) 2 Nov/nov 2001 (02.11.2001)

(25) en (26) en

(30) 60/245,878 3 Nov/nov 2000 US
(03.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMBINATION THERAPY USING
PENTAFLUOROBENZENESULFON-
AMIDES AND ANTINEOPLASTIC
AGENTS

• THERAPIES COMBINEES A BASE DE
PENTAFLUOROBENZENESULFONA-
MIDES ET D'AGENTS ANTINEOPLA-
SIQUES

(71) TULARIK INC. [US/US]; Two Corporate
Drive, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SCHWENDNER, Susan [US/US];
2000 Crystal Springs Road, #7-05, San
Bruno, CA 94066 (US). TIMMERMANS,
Pieter [NL/US]; 850 Hillcrest Drive, Red-
wood City, CA 94062 (US). WALLING,
Jacqueline [GB/US]; 2710 Easton Drive,
Burlingame, CA 94010 (US).(74) KEZER, William, B. et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero 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 NO NZ PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ A61K 5/44, 2/04

(11) WO 02/39959 (13) A1

(21) PCT/SE01/02547

(22) 16 Nov/nov 2001 (16.11.2001)

(25) sv (26) en

(30) 0004250-7 20 Nov/nov 2000 SE
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • RECEPTACLE

• RECEPTACLE

(71) SINOVA AB [SE/SE]; Midgårdsgatan 5,
S-216 19 Malmö (SE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) UNO, Jörgen [SE/SE]; Midgårdsgatan 5,
S-216 19 Malmö (SE).(74) WALLENGREN, Yngvar et al. / etc.;
Patentbyrån Y Wallengren AB, Box 116,
S-331 21 Värnamo (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DE
(Utility model / modèle d'utilité) 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 PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 02/39960 (13) A2

(21) PCT/EP01/12732

(22) 2 Nov/nov 2001 (02.11.2001)

(25) en (26) en

(30) 0027769.9 14 Nov/nov 2000 GB
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • COSMETIC METHOD OF TREATING
SKIN

• PROCEDE COSMETIQUE POUR LE
TRAITEMENT DE LA PEAU

(71) UNILEVER PLC [GB/GB]; Unilever
House, Blackfriars, London EC4P 4BQ
(GB).(only for / seulement pour AE AG AU BB BZ
CA CY GB GD GH GM IE IL KE LC LK LS
MN MW NZ SD SG SL SZ TT TZ UG ZA 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 NL NO PH PL
PT RO RU SE SI SK SN TD TG TJ TM TR UA
UZ VN YU)(71) HINDUSTAN LEVER LIMITED [IN/IN];
Hindustan Lever House, 165/166 Backbay
Reclamation, Maharashtra, 400 020 Mumbai
(IN).

(only for / seulement pour IN)

(72) DONOVAN, Robert, Mark; Unilever
Research Colworth, Colworth House, Sharn-
brook, Bedford, Bedfordshire MK44 1LQ
(GB). GREEN, Martin, Richard; Unilever
Research Colworth, Colworth House,
Sharnbrook, Bedford, Bedfordshire MK44
1LQ (GB). TASKER, Maria, Cath-
erine; Unilever Research Colworth, Colworth
House, Sharnbrook, Bedford, Bedfordshire
MK44 1LQ (GB). YATES, Paula, Rachel;
Unilever Research Colworth, Colworth
House, Sharnbrook, Bedford, Bedfordshire
MK44 1LQ (GB).(74) MULDER, Cornelis, Willem, Reinier et al.
/ etc.; Unilever PLC, Patent Department,
Colworth House, Sharnbrook, Bedford, Bedfor-
shire MK44 1LQ (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 NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ A61K 7/02, 7/025, 7/027, 7/031, 7/032,
7/48

(11) WO 02/39961 (13) A1

(21) PCT/FR01/03472

(22) 8 Nov/nov 2001 (08.11.2001)

(25) fr (26) fr

- (30) 00/14790 **15 Nov/nov 2000** FR
(15.11.2000)
- (30) 60/294,979 **4 Jun/juin 2001** US
(04.06.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COSMETIC COMPOSITION COMPRISING A DISPERSION OF POLYMER PARTICLES AND A DISPERSION OF PIGMENTS
- COMPOSITION COSMETIQUE COMPRENANT UNE DISPERSION DE PARTICULES DE POLYMERES ET UNE DISPERSION DE PIGMENTS
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, 75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FERRARI, Véronique** [FR/FR]; 12, rue Victor Hugo, F-94700 Maisons-Alfort (FR).
KLUCKER, Rolf [FR/FR]; 4, rue René Roëckel, F-92340 Bourg la Reine (FR).
- (74) **LHOSTE, Catherine**; L'Oréal/D.P.I., 6, rue Bertrand Sincholle, F-92585 Clichy 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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61K 7/04, 33/34**
- (11) **WO 02/39963** (13) A1
- (21) PCT/US01/29438
- (22) **19 Sep/sep 2001 (19.09.2001)**
- (25) en (26) en
- (30) 60/249,381 **16 Nov/nov 2000** US
(16.11.2000)
- (30) 60/286,781 **26 Apr/avr 2001** US
(26.04.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ANTIFUNGAL NAIL COMPOSITION AND METHOD OF USE
- COMPOSITION SERVANT A TRAITER L'INFECTION DE L'ONGLE PAR UN CHAMPIGNON ET SON PROCEDE D'UTILISATION
- (71, 72) **ZEILER, Kenneth, T.** [US/US]; 601 Hanover Lane, Irving, TX 75062 (US).
- (74) **HANSEN, Eugenia, S.** et al. / etc.; Sidley Austin Brown & Wood, Suite 3400, 717 N. Harwood, Dallas, TX 75201 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61K 7/025**
- (11) **WO 02/39962** (13) A1
- (21) PCT/US01/43485
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 09/714,715 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COSMETIC COMPOSITIONS CONTAINING POLYURETHANE
- COMPOSITIONS COSMETIQUES CONTENANT UN POLYURETHANNE
- (71) **AVON PRODUCTS, INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 10020-1196 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **FARER, Alan** [US/US]; 91 Alize Drive, Kinnelon, NJ 07405 (US). **LEE, Christian, J.** [US/US]; 48 Winding Way, Parsippany, NJ 07054 (US).
- (74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 10th floor, One Landmark Square, Stamford, CT 06901-2682 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61K 7/06, 7/42**
- (11) **WO 02/39964** (13) A1
- (21) PCT/FR01/03426
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) fr (26) fr
- (30) 00/14949 **20 Nov/nov 2000** FR
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOSITION FOR TREATING KERATINOUS MATERIALS COMPRISING A CATIONIC ASSOCIATIVE POLYURETHANE POLYMER AND A PROTECTING OR CONDITIONING AGENT
- COMPOSITION DE TRAITEMENT DES MATIERES KERATINIQUES COMPRENANT UN POLYMERES POLYURETHANE ASSOCIATIF CATIONIQUE ET UN AGENT PROTECTEUR OU CONDITIONNEUR
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COTTARD, François** [FR/FR]; 147, rue Louis Rouquier, F-92300 Levallois-Perret (FR). **DE LA METTRIE, Roland** [FR/FR]; 6, boulevard d'Angleterre, F-78110 Le Vesinet (FR).
- (74) **LE BLAINVAUX, Françoise**; L'Oréal - DPI, 6, rue Bertrand Sincholle, F-92585 Clichy 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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61K 7/09**
- (11) **WO 02/39965** (13) A2
- (21) PCT/US01/43124
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 09/714,663 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOSITION FOR THE PERMANENT DEFORMATION OF THE HAIR COMPRISING AT LEAST ONE FORMAMIDINESULPHINIC ACID DERIVATIVE
- COMPOSITION POUR L'ONDULATION PERMANENTE DE LA CHEVELURE COMPRENANT AU MOINS UN DERIVE DE L'ACIDE FORMAMIDINESULFINIQUE
- (71) **L'OREAL SA** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GARNIER, Nathalie** [FR/US]; 2345 Promenade Place, Scotch Plains, NJ 07076 (US). **MALLE, Gerard** [FR/FR]; 18 Grand Rue, F-77580 Villiers Sur Morin (FR). **SAMAIN, Henri** [FR/FR]; 14, Rue du Coteau, F-91570 Bievres (FR).
- (74) **GARRETT, Arthur, S.** et al. / etc.; 1300 I Street, N.W., Washington, DC 20005-3315 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 7/13, C12N 9/02**(11) **WO 02/39966** (13) A2

(21) PCT/EP01/13025

(22) **10 Nov/nov 2001 (10.11.2001)**

(25) de (26) de

(30) 100 57 547.1 **20 Nov/nov 2000 DE (20.11.2000)**(30) 101 16 759.8 **4 Apr/avr 2001 DE (04.04.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • ENZYMATIC COLORING AGENTS

• COLORANT ENZYMATIQUE

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **KLEEN, Astrid** [DE/DE]; Nordstrasse 17, 40699 Erkrath (DE). **FRAUENDORF, Bianca** [DE/DE]; Elberfelder Strasse 44, 42553 Velbert (DE).

(81) AU BR CA CN CZ HU JP NO PL RU SK US VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61K 7/13**(11) **WO 02/39967** (13) A1

(21) PCT/US01/43533

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,791 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NOVEL COUPLER FOR USE IN OXIDATIVE HAIR DYEING

• COPULANTS POUR TEINTURE DE CHEVEUX OXYDATIVE

(71) **CLAIROL INCORPORATED** [US/US]; 1 Blachley Road, Stamford, CT 06922 (US).(72) **LIM, Mu-III**; 31 Mayflower Drive, Trumbull, CT 06611 (US). **PAN, Yuh-Guo**; 119 Woodridge Drive, Stamford, CT 06905 (US). **ANDERSON, James, S.**; 1 Summit Lane, Bethel, CT 06801 (US).(74) **ZELLER, Charles, J.**; Patent Department, 2 Blachley Road, Stamford, CT 06922 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/13**(11) **WO 02/39968** (13) A1

(21) PCT/US01/43763

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,831 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NOVEL COUPLER FOR USE IN OXIDATIVE HAIR DYEING

• NOUVEAU COUPLEUR A UTILISER DANS LA COLORATION OXYDANTE DES CHEVEUX

(71) **CLAIROL INCORPORATED** [US/US]; 1 Blachley Road, Stamford, CT 06922 (US).(72) **LIM, Mu-III**; 31 Mayflower Drive, Trumbull, CT 06611 (US). **PAN, Yuh-Guo**; 119 Woodridge Drive, Stamford, CT 06905 (US). **POPP, Margaret**; 11B Hamre Lane, Branford, CT 06405 (US).(74) **ZELLER, Charles, J.**; Patent Department, 2 Blachley Road, Stamford, CT 06922 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A61K 7/13**(11) **WO 02/39969** (13) A1

(21) PCT/US01/43764

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,857 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NOVEL COUPLER FOR USE IN OXIDATIVE HAIR DYEING

• NOUVEL AGENT DE COUPLAGE DESTINE A ETRE UTILISE POUR LA COLORATION CAPILLAIRE OXYDANTE

(71) **CLAIROL INCORPORATED** [US/US]; 1 Blachley Road, Stamford, CT 06922 (US).(72) **LIM, Mu-III**; 31 Mayflower Drive, Trumbull, CT 06611 (US). **PAN, Yuh-Guo**; 119 Woodridge Drive, Stamford, CT 06905 (US). **POPP, Margaret**; 11B Hamre Lane, Branford, CT 06405 (US).(74) **ZELLER, Charles, J.**; Patent Department, 2 Blachley Road, Stamford, CT 06922 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 7/13, C07C 211/00, 217/84, C07D 295/08, 295/14**(11) **WO 02/39970** (13) A1

(21) PCT/US01/43867

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,930 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NOVEL COUPLER FOR USE IN OXIDATIVE HAIR DYEING

• NOUVEL AGENT DE COUPLAGE UTILISE EN TEINTURE OXYDANTE DES CHEVEUX

(71) **CLAIROL INCORPORATED** [US/US]; 1 Blachley Road, Stamford, CT 06922 (US).(72) **LIM, Mu-III**; 21 Mayflower Drive, Trumbull, CT 06611 (US). **PAN, Yuh-Guo**; 119 Woodridge Drive, Stamford, CT 06905 (US).(74) **ZELLER, Charles, J.**; 2 Blachley Road, Stamford, CT 06922 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/32, 7/46**(11) **WO 02/39971** (13) A2

(21) PCT/US01/47301

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 09/712,356 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • FRAGRANCE ENHANCING COMPOSITIONS WITH NON-POLYCYCLICS

• COMPOSITIONS D'AMELIORATION DE FRAGRANCE COMPORTANT DES NON-POLYCYCLIQUES

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).(72) **GUENIN, Eric, P.**; 14 Arvida Drive, Pennington, NJ 08534 (US). **BOUDOT, Pierre, Gabriel**; 19 Rue De Versailles, F-91400 Orsay (FR). **SILLON, Pascal, Michel, Pierre**; Tarpembek Strasse 90, 20251 Hamburg (DE). **VINCENZI, Paul, Joseph**; 95 Minnisink Road, Jefferson, NJ 07849 (US). **TAYLOR, Cuthbert, Donald**; 10 Wheeler Road,

- Kendall Park, NJ 08824 (US). **DURAND, Philippe, Michel**; 136 North Road, Hythe, Kent CT 21 4AT (GB).
- (74) **MIANO, Rosemary, M.**; Colgate-PalmoliveCompany, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/42**
(11) **WO 02/39972** (13) A1
(21) PCT/FR01/03482
(22) **9 Nov/nov 2001 (09.11.2001)**
(25) fr (26) fr
(30) 00/14897 **17 Nov/nov 2000 FR (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • **INSOLUBLE ORGANIC UV FILTERS AND COSMETIC USE THEREOF**
• **FILTRES UV ORGANIQUES INSOLUBLES ET LEUR UTILISATION EN COSMETIQUE**
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RICHARD, Hervé** [FR/FR]; 31, rue Robert Schuman, F-93420 Villepinte (FR).
CANDAU, Didier [FR/FR]; 46, rue de la Martinière, F-95570 Bièvres (FR).
FORESTIER, Serge [FR/FR]; 16, Allée Ferdinand Buisson, F-77410 Claye-Souilly (FR).
- (74) **BUREAU D.A. CASALONGA JOSSE**; 8, avenue Percier, F-75508 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A61K 7/42**
(11) **WO 02/39973** (13) A2
(21) PCT/FR01/03626
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) fr (26) fr
- (30) 00/14974 **20 Nov/nov 2000 FR (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • **PRODUCT PREPARING AND PROTECTING THE SKIN AGAINST UV RADIATION, COUNTERING CELLULAR AGEING AND EXERTING AN IMMUNOSTIMULANT ACTION**
• **PRODUIT PREPARANT ET PROTEGEANT LA PEAU CONTRE LES RAYONS UV, AGISSANT A L'ENCONTRE DU VIEILLISSEMENT CELLULAIRE ET EXERCANT UNE ACTION IMMUNOSTIMULANTE**
- (71) **LABORATOIRES ROBERT SCHWARTZ** [FR/FR]; Parc d'Innovation, Boulevard Gonthier d'Andernach, F-67400 Illkirch (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANTON, Jean-Christophe** [FR/FR]; 9, allée de la Robertsau, F-67000 Strasbourg (FR).
CHANTEREAU, Sylvie [FR/FR]; 5, square de Dublin, F-67610 La Wantzenau (FR).
SCHWARTZ, Robert [FR/FR]; 11, rue de Magdebourg, F-75016 Paris (FR).
- (74) **LITTOLFF, Denis**; 20, place des Halles, Bureaux Europe, F-67000 Strasbourg (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/42**
(11) **WO 02/39974** (13) A1
(21) PCT/GB01/05123
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 0028161.8 **17 Nov/nov 2000 GB (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • **PERSONAL CARE COMPOSITIONS**
• **COMPOSITIONS DE SOINS PERSONNELS**
- (71) **NATURAL ENVIRONMENT RESEARCH COUNCIL** [GB/GB]; POLARIS HOUSE, NORTH STAR AVENUE, SWINDON, Wiltshire SN2 1EU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LLEWELLYN, Carole** [GB/GB]; c/o Centre for Coastal and Marine Sciences, Plymouth Marine Laboratory, Prospect House, West Hoe, Devon PL1 3DH (GB).
GALLEY, Edward [GB/GB]; c/o The Boots Company PLC, D31, 1 Thane Road West, Nottingham, Nottinghamshire NG2 3AA (GB).
- (74) **WATSON, Robert, J.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/48**
(11) **WO 02/39976** (13) A1
(21) PCT/FR01/03523
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) fr (26) fr
(30) 00/14864 **17 Nov/nov 2000 FR (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • **USE OF AT LEAST A SULPHONIC AMINO DERIVATIVE IN A COMPOSITION PROMOTING SKIN PEELING**
• **UTILISATION D'AU MOINS UN DERIVE AMINO SULFONIQUE DANS UNE COMPOSITION DESTINEE A FAVORISER LA DESQUAMINATION DE LA PEAU**
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GALEY, Jean-Baptiste** [FR/FR]; 12, rue Charles Dordain, F-93600 Aulnay-sous-Bois (FR).
BERNARD, Dominique [FR/FR]; 48, rue Paul Barruel, F-75015 Paris (FR).
SIMONETTI, Lucie [FR/FR]; 14, rue Breguet, F-75011 Paris (FR).
- (74) **GALUP, Cédric**; L'Oréal/D.P.I., 6, rue Bertrand Sincholle, F-92585 Clichy 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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/48**
(11) **WO 02/39976** (13) A1
(21) PCT/FR01/03523
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) fr (26) fr
(30) 00/14865 **17 Nov/nov 2000 FR (17.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • USE OF 2-OXOTHIAZOLIDINE 4-CARBOXYLIC ACID DERIVATIVES AS AGENTS PROMOTING SKIN PEELING
- UTILISATION DE DERIVES DE L'ACIDE 2-OXOTHIAZOLIDINE 4-CARBOXYLIQUE COMME AGENTS PRODESQUAMANTS
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GALEY, Jean-Baptiste** [FR/FR]; 12, rue Charles Dordain, F-93600 Aulnay-sous-Bois (FR). **BERNARD, Dominique** [FR/FR]; 48, rue Paul Barruel, F-75015 Paris (FR). **SIMONETTI, Lucie** [FR/FR]; 14, rue Breguet, F-75011 Paris (FR).
- (74) **GALUP, Cédric**; L'Oréal/D.P.L., 6, rue Bertrand Sincholle, F-92585 Clichy 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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- (51)⁷ **A61K 9/00**
- (11) **WO 02/39977** (13) A2
- (21) PCT/CA01/01586
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,228 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 60/248,570 **16 Nov/nov 2000 US (16.11.2000)**
- (30) 10/055,493 **29 Oct/oct 2001 US (29.10.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A METHOD FOR RESTORING A FAT-PAD
- PROCEDE DE RECONSTITUTION D'UN COUSSINET ADIPEUX
- (71) **BIO SYNTECH CANADA INC.** [CA/CA]; 475 Armand Frappier Blvd., Laval, Québec H7V 4B3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DESROSIERS, Eric, André** [CA/CA]; 1209 Bernard, Apt. 10, Montreal, Québec H2V 1V7 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, C08F 22/32, 251/00**
- (11) **WO 02/39979** (13) A1
- (21) PCT/FR01/03619
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) fr (26) fr
- (30) 00/14900 **17 Nov/nov 2000 FR (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • BLOCK-STRUCTURE COPOLYMER CONSISTING OF A SACCHARIDE SEGMENT BOUND TO AT LEAST A BIODEGRADABLE HYDROPHOBIC SEGMENT, AND CORRESPONDING PARTICLES
- COPOLYMER A STRUCTURE SEQUENCE COMPOSE D'UN SEGMENT SACCHARIDIQUE LIE A AU MOINS UN SEGMENT HYDROPHOBE BIOERODABLE, ET PARTICULES CORRESPONDANTES
- (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) **CHAUVIERRE, Cédric** [FR/FR]; 67, rue Jean Longuet, F-92290 Chatenay-Malabry (FR). **COUVREUR, Patrick** [BE/FR]; 1bis, rue du Lac Léman, F-91140 Villebon sur Yvette (FR). **LABARRE, Denis** [FR/FR]; 44, rue des Quatre Cantons, F-91140 Villebon-sur-Yvette (FR). **VAUTHIER, Christine** [FR/FR]; 36, avenue Victor Hugo, F-91444 Bures-sur-Yvette (FR).
- (74) **MONCHENY, Michel**; Cabinet Lavoix, 2, place d'Estiennes d'Orves, F-75441 Paris Cedex 09 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/39980** (13) A2
- (21) PCT/SI01/00031
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) P-200000282 **20 Nov/nov 2000 SI (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL PHARMACEUTICAL FORMULATION IN THE FORM OF CELLULOSE CAPSULES SUITABLE FOR BENZIMIDAZOLE DERIVATIVES
- NOUVELLE FORMULATION PHARMACEUTIQUE SOUS FORME DE CAPSULES DE CELLULOSE, ADAPTEE POUR DES DERIVES DE BENZIMIDAZOLE
- (71) **LEK, TOVARNA FARMACEVTSKIH IN KEMIENIH IZDELKOV, D.D.** [SI/SI]; Verovškova 57, 1526 Ljubljana (SI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SIRCA, Judita** [SI/SI]; Ga'per?ièeva 7, 1000 Ljubljana (SI).

- (74) **PATENTNA PISARNA, D.O.O.**; Copova 14, POB 1725, 1001 Ljubljana (SI).
- (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 9/16, 9/50**

- (11) **WO 02/39981** (13) A1
(21) PCT/FR01/03584
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) fr (26) fr
(30) 00.14803 **16 Nov/nov 2000 FR (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● MICROGRANULES BASED ON ACTIVE PRINCIPLE AND METHOD FOR MAKING SAME
● MICROGRANULES A BASE DE PRINCIPE ACTIF ET LEUR PROCEDE DE FABRICATION

(71) **ETHYPHARM** [FR/FR]; 21 Rue Saint Mathieu, F-78550 HOUDAN (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUNA, Etienne** [FR/FR]; 13 Rue des Parigaudes, F-28300 JOUY (FR). **GEN-DROT, Edouard** [FR/FR]; 24 Rue de Dreux, F-28500 GARNAY (FR). **COUSIN, Gérard** [FR/FR]; 1 Rue du Gué, Le Mesnil Ponceau, F-28210 VILLEMEUX (FR).

(74) **VUILLERMOZ, Bruno** et al. / etc.; Cabinet LAURENT & CHARRAS, 20 Rue Louis Chirpaz, BP 32, F-69131 ECULLY (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 9/48, 47/36**

- (11) **WO 02/39982** (13) A1
(21) PCT/CN01/00919
(22) **7 Jun/juin 2001 (07.06.2001)**
(25) zh (26) zh
(30) 00 1 17989.6 **7 Jun/juin 2000 CN (07.06.2000)**
(43) 23 May/mai 2002 (23.05.2002)

(54) ● ORAL FORMULATIONS FOR LOCALIZED COLONIC RELEASE AND THE METHOD OF PREPARATION THEREOF

● COMPOSITION PHARMACEUTIQUE A ADMINISTRATION ORALE LIBEREE AU NIVEAU COLIQUE ET SON PROCEDE DE PREPARATION

(71) **ZHANG, Hao** [CN/CN]; 47-5 Majia Street, Nanjing City, Jiangsu 210009 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHANG, Junshou** [CN/CN]; 47-5 Majia Street, Nanjing City, Jiangsu 210009 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 10/F Ocean Plaza, 158 Fuxingmennei Street, Beijing 100031 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **A61K 9/48, 9/00, 47/22, 31/215**

- (11) **WO 02/39983** (13) A2
(21) PCT/US01/43584
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 09/716,029 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● PHARMACEUTICAL COMPOSITIONS AND DOSAGE FORMS FOR ADMINISTRATION OF HYDROPHOBIC DRUGS
● COMPOSITIONS PHARMACEUTIQUES ET FORMES DE DOSAGE DESTINEES A L'ADMINISTRATION DE MEDICAMENTS HYDROPHOBES

(71) **LIPOCINE, INC.** [US/US]; Suite 314, 800 North 350 West, Salt Lake City, UT 84103 (US).

(72) **CHEN, Feng-Jing**; 201 East South Temple #420, Salt Lake City, UT 84111 (US). **PATEL, Mahesh, V.**; 1515 South Preston, Salt Lake City, UT 84108 (US).

(74) **REED, Dianne, E.**; Reed & Associates, Suite 210, 800 Menlo Avenue, Menlo Park, CA 94025 (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 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 TR TT TZ UA UG 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 CH CY DE DK ES

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

(51)⁷ **A61K 9/50**

- (11) **WO 02/39984** (13) A2
(21) PCT/FR01/03625
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) fr (26) fr
(30) 00/14876 **17 Nov/nov 2000 FR (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)

(54) ● MEDICINE BASED ON ANTI-HYPERGLYCAEMIC MICROCAPSULES WITH PROLONGED RELEASE AND METHOD FOR PREPARING SAME

● MEDICAMENT A BASE DE MICROCAPSULES D'ANTI-HYPERGLYCEMIANT A LIBERATION PROLONGEE ET SON PROCEDE DE PREPARATION

(71) **FLAMEL TECHNOLOGIES** [FR/FR]; Parc du Moulin à Vent, 33 Avenue du Docteur Georges Lévy, F-69693 VENISSIEUX CEDEX (FR).

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

(72, 75) **CASTAN, Catherine** [FR/FR]; Le Verger du Gontey, 55 Chemin du May, F-69530 ORLIENAS (FR). **MEYRUEIX, Rémi** [FR/FR]; 42 rue H. Berlioz, Le Bois Saint-Rambert, F-69009 LYON (FR). **SOULA, Gérard** [FR/FR]; 33 rue Nungesser, F-69330 MEYZIEU (FR).

(74) **CABINET PLASSERAUD**; 84 rue d'Amsterdam, F-75440 Paris Cedex 09 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 9/50**

- (11) **WO 02/39985** (13) A1
(21) PCT/SE01/02166
(22) **5 Oct/oct 2001 (05.10.2001)**
(25) en (26) en
(30) 0004218-4 **16 Nov/nov 2000 SE (16.11.2000)**
(30) 60/260,496 **8 Jan/jan 2001 US (08.01.2001)**
(43) 23 May/mai 2002 (23.05.2002)

(54) ● PARENTERALLY ADMINISTRABLE MICROPARTICLES

● MICROPARTICULES DESTINEES A L'ADMINISTRATION PARENTERALE

(71) **BIOGLAN AB** [SE/SE]; P.O. Box 50310, S-202 13 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RESLOW, Mats** [SE/SE]; Bondevägen 45, S-227 38 Lund (SE). **JÖNSSON, Monica** [SE/SE]; Sigvard Grubbes gata 1, S-230 40 Bara (SE). **LAAKSO, Timo** [GB/GB]; 2 Rectory Road, Campton, Bedfordshire SG 17 5 PF (GB).

(74) **AWAPATENT AB**; Box 45086, S-104 30 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ YU ZA ZW.

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

(51)⁷ **A61K 9/50**

(11) **WO 02/39986** (13) A1

(21) PCT/SE01/02167

(22) **5 Oct/oct 2001 (05.10.2001)**

(25) en (26) en

(30) 0004217-6 **16 Nov/nov 2000 (16.11.2000)** SE

(30) 60/260,497 **8 Jan/jan 2001 (08.01.2001)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCESS FOR PRODUCING MICROPARTICLES

● PROCEDE DE PRODUCTION DE MICROPARTICULES

(71) **BIOGLAN AB** [SE/SE]; P.O. Box 50310, S-202 13 Malmö (SE).

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

(72, 75) **RESLOW, Mats** [SE/SE]; Bondvägen 45, S-227 38 Lund (SE). **JÖNSSON, Monica** [SE/SE]; Sigvard Grubbes gata 1, S-230 40 Bara (SE). **LAAKSO, Timo** [SE/GB]; 2 Rectory Road, Campton, Bedfordshire SG 17 5 PF (GB).

(74) **AWAPATENT AB**; P.O. Box 45086, S-104 30 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ YU ZA ZW.

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

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/39987** (13) A2

(21) PCT/DK01/00745

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) PA 2000 01705 **14 Nov/nov 2000 (14.11.2000)** DK

(30) 60/252,467 **22 Nov/nov 2000 (22.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● USE OF MALARIA PARASITE ANION CHANNEL BLOCKERS FOR TREATING MALARIA

● MISE EN OEUVRE DE BLOQUANTS DES CANAUX ANIONIQUES DES PARASITES DE LA MALARIA POUR TRAITER CETTE MALADIE

(71) **NEUROSEARCH A/S** [DK/DK]; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).

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

(72, 75) **CHRISTOPHERSEN, Palle** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **DAHL, Bjarne, H.** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) **NEUROSEARCH A/S**; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ YU ZA ZW.

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

(51)⁷ **A61K 31/00, 31/44, 31/275**

(11) **WO 02/39988** (13) A2

(21) PCT/EP01/12325

(22) **25 Oct/oct 2001 (25.10.2001)**

(25) en (26) en

(30) 00124814.5 **14 Nov/nov 2000 (14.11.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) ● NOVEL USES OF COMBINED SELECTIVE DOPAMINE D2 RECEPTOR ANTAGONISTS AND 5-HT_{1A} RECEPTOR AGONISTS

● NOUVELLES UTILISATIONS DE L'ANTAGONISTE COMBINÉ SELECTIF DU RECEPTEUR D2 DE LA DOPAMINE ET DE L'AGONISTE DU RECEPTEUR DE LA 5-HT_{1A}

(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) **BARTOSZYK, Gerd** [DE/DE]; Kreuzstrasse 57, 64331 Weiterstadt (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ YU ZA ZW.

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

(51)⁷ **A61K 31/00, 31/496, A61P 29/00, 1/00**

(11) **WO 02/39989** (13) A1

(21) PCT/EP01/12686

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) en (26) en

(30) 00125409.3 **20 Nov/nov 2000 (20.11.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) ● NOVEL USE OF COMBINED 5-HT_{1A} AGONISTS AND SELECTIVE SEROTONIN REUPTAKE INHIBITORS

● NOUVELLE UTILISATION DE COMBINAISONS D'AGONISTES 5-HT_{1A} ET D'INHIBITEURS SELECTIFS DU RECAPTAGE DE LA SEROTONINE

(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) **BARTOSZYK, Gerd** [DE/DE]; Kreuzstrasse 57, 64331 Weiterstadt (DE). **SEDMAN, Ewen** [GB/GB]; The Barley House, Dene Lea, Ropley, Alresford, Hampshire SO24 0BH (GB).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**

(11) **WO 02/39990** (13) A2

(21) PCT/EP01/13076

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

- (30) 60/248,489 **14 Nov/nov 2000** US
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR SCREENING ANTI-PROLIFERATIVE COMPOUNDS AND METHOD FOR INHIBITING TUMOR GROWTH
• METHODE DE CRIBLAGE DE COMPOSES ANTIPROLIFERATIFS ET METHODE PERMETTANT D'INHIBER UNE CROISSANCE TUMORALE
- (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-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) **PHILLIPS, Penny, Elisabeth** [US/US]; 59 Georgian Road, Morristown, NJ 07960 (US). **SCHINDLER, Patrick, André** [FR/FR]; Rue de la Foret 12, F-68640 Muespach (FR). **TOWBIN, Harry** [CH/CH]; Feldstrasse 31, CH-4123 Allschwil (CH).
- (74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (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 HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TR TT UA US UZ VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A61K 31/00**
(11) **WO 02/39991** (13) A2
(21) PCT/FI01/00989
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en
(30) 60/248,004 **14 Nov/nov 2000** US
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PREVENTION OF DEVELOPMENT OF DYSKINESIAS
• PREVENTION DU DEVELOPPEMENT DES DYSKINESIES
- (71) **ORION CORPORATION** [FI/FI]; Orionintie 1, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAAPALINNA, Antti** [FI/FI]; Markulantie 8 A, FIN-20360 Turku (FI). **JUHILA, Juuso** [FI/FI]; Bilmarkinkatu 5-7, as 12, FIN-20100 Turku (FI). **SIRVIÖ, Jouni** [FI/FI]; Hiirihaukantie 23, FIN-70820 Kuopio (FI).
- (74) **ORION CORPORATION**; Orion Pharma, Industrial Property Rights, P.O. Box 65, FIN-02101 Espoo (FI).
- (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 PH PL PT RO RU
- SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
(11) **WO 02/39992** (13) A2
(21) PCT/IB01/02171
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) it (26) en
(30) MI2000A002476 **17 Nov/nov 2000** IT
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ADDUCTS OF QUINOLONIC AGENTS WITH NATURAL POLYSACCHARIDE POLYMERS
• COMPOSES D'ADDITION D'AGENTS ANTIBACTERIENS QUINOLONIQUES AVEC DES POLYMERES DE POLYSACCHARIDES NATURELS
- (71) **PHARMA BIOTECH LIMITED** [CY/CY]; Agias Varvaras 24, Archangelos, Nicosia (CY).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANZAGHI, Piergiorgio** [IT/IT]; Via Steffenini, 22, I-20078 San Colombano al Lambro (IT). **STEFELI, Rosanna** [IT/IT]; Via Foppa, 8, I-27100 Pavia (IT).
- (74) **GERVASI, Gemma**; Notarbatolo & 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 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
(11) **WO 02/39993** (13) A2
(21) PCT/IN01/00199
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) 1018/MUM/2000 **15 Nov/nov 2000** IN
(15.11.2000)
(30) 1077/MUM/2001 **9 Nov/nov 2001** IN
(09.11.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A COMBINATION DRUG
• MEDICAMENT COMBINE
- (71, 72) **CHANDAVARKAR, Mohan, A.** [IN/IN]; 7B, Chand Terrace, St. Andrews Road, Bandra, Mumbai 400 050 (IN). **CHANDAVARKAR, Nandan, Mohan** [IN/IN]; 7B, Chand Terrace, St. Andrews Road, Bandra, Mumbai 400 050 (IN).
- (72, 75) **CHANDRASHEKHAR, Mainde** [IN/IN]; 693 B, Marol Hill View, Military Road, Marol, Andheri (E), Mumbai 400 059 (IN).
- (74) **CHANDRASEKHAR, Usha, A.**; 3E1, Court Chambers, 35, New Marine Lines, Mumbai 400 020 (IN).
- (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 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
(11) **WO 02/39994** (13) A2
(21) PCT/US01/43775
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/249,991 **20 Nov/nov 2000** US
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS FOR THE TREATMENT AND PREVENTION OF URINARY STONE DISEASE
• METHODES DE TRAITEMENT ET DE PREVENTION DES CALCULS URINAIRES
- (71) **UNIVERSITY OF KANSAS MEDICAL CENTER** [US/US]; 3901 Rainbow Boulevard, Kansas City, KS 66160 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOZIYAN, Paul** [US/US]; 9527 Russell Street, Overland Park, KS 66212 (US). **HUDSON, Billy** [US/US]; 15414 W. 94th Street, Lenexa, KS 66219 (US). **SCHEIMMAN, Jon** [US/US]; University of Kansas Medical Center, 3901 Rainbow Boulevard, Kansas City, KS 66160 (US).
- (74) **HARPER, David, S.**; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
(11) **WO 02/39995** (13) A2
(21) PCT/US01/43847
(22) **6 Nov/nov 2001 (06.11.2001)**

- (25) en (26) en 300 South Wacker Drive, Chicago, IL 60606 (US).
- (30) 09/714,605 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMBINATION THERAPY FOR ESTROGEN-DEPENDENT DISORDERS
• TRAITEMENT COMBINE DE MALADIES DEPENDANTES DES OESTROGENES
- (63) US 09/714,605 (CON)
16 Nov/nov 2000 (16.11.2000)
- (71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 100 Route 206 North, Peapack, NJ 07977 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PURANDARE, Dinesh** [IN/US]; 6 Macintosh Road, Branchburg, NJ 08876 (US).
- (74) **HILLMAN, Lisa, M., W.**; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (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 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 TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
- (11) **WO 02/39997** (13) A2
- (21) PCT/US01/45703
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 09/704,216 **1 Nov/nov 2000** US
(01.11.2000)
- (30) 09/870,382 **29 May/mai 2001** US
(29.05.2001)
- (30) 60/371,741 **19 Oct/oct 2001** US
(19.10.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ACE-2 MODULATING COMPOUNDS AND METHODS OF USE THEREOF
• COMPOSES MODULANT ACE-2 ET PROCEDES D'UTILISATION ASSOCIES
- (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) **ACTON, Susan, L.** [US/US]; 42 Munroe Road, Lexington, MA 02421 (US). **OCAIN, Timothy, D.** [US/US]; 45 Indian Head Road, Framingham, MA 01701 (US). **GOULD, Alexandra, E.** [US/US]; 23 R. Fairmont Street, Cambridge, MA 02139 (US). **DALES, Natalie, A.** [US/US]; 50 Summit Street, Arlington, MA 02474 (US). **GUAN, Bing** [US/US]; 27 Shepard Street, Brighton, MA 02135 (US). **BROWN, James, A.** [US/US]; 1099 Edgell Road, Framingham, MA 01701 (US). **PATANE, Michael** [US/US]; 7 Douglass Lane, Andover, MA 01801 (US). **KADAMBI, Vivek, J.** [IN/US]; 109 Courtland Lane, Boxboro, MA 01719 (US). **SOLOMON, Michael** [US/US]; 33 Brooks Street, Medford, MA 02155 (US). **STRICKER-KRONGRAD, Alain** [FR/US]; 5 Freeman Circle, Lexington, MA 02421 (US).
- (74) **HANLEY, Elizabeth, A.**; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US) et al. / etc.
- (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 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 TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
- (11) **WO 02/39996** (13) A2
- (21) PCT/US01/44161
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) en (26) en
- (30) 09/714,606 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMBINED THERAPY AGAINST TUMORS COMPRISING ESTRAMUSTINE PHOSPHATE AND LHRH AGONISTS OR ANTAGONISTS
• THERAPIE COMBINEE CONTRE DES TUMEURS COMPRENANT DU PHOSPHATE D'ESTRAMUSTINE ET DES AGONISTES OU ANTAGONISTES DE LH-RH
- (63) US 09/714,606 (CON)
16 Nov/nov 2000 (16.11.2000)
- (71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 100 Route 206 North, Peapack, NJ 07977 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUCHALTER, Jeffrey, H.** [US/US]; 942 Sunset Ridge, Bridgewater, NJ 08807 (US). **HORAK, Ivan, D.** [US/US]; 636 Burgundy Place, Yardley, Philadelphia 19067 (US).
- (74) **HILLMAN, Lisa, M., W.**; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
- (11) **WO 02/39999** (13) A2
- (21) PCT/US01/45793
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 60/245,323 **1 Nov/nov 2000** US
(01.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS AND COMPOSITIONS FOR REGULATING MEMORY CONSOLIDATION
• PROCEDES ET COMPOSITIONS PERMETTANT DE REGULER LA CONSOLIDATION DE LA MEMOIRE
- (71) **SENTION, INC.** [US/US]; 4 Richmond Square, Providence, RI 02906 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EPSTEIN, Mel, H.** [US/US]; 411 Pop-pasquash Road, Bristol, RI 02809 (US). **WIIG, Kjesten, A.** [US/US]; 18 Burlington Street, Providence, RI 02906 (US).
- (74) **VINCENT, Matthew, P.** et al. / etc.; Customer Id No: 28120, Patent Group, Ropes & Gray, One International Place, Boston, MA 02110-2624 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
- (11) **WO 02/39999** (13) A2
- (21) PCT/US01/46221
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,865 **15 Nov/nov 2000** US
(15.11.2000)
- (30) 60/277,922 **22 Mar/mar 2001** US
(22.03.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ENDOSTATIN-LIKE ANGIOGENESIS INHIBITION
• INHIBITION D'ANGIOGENESE DU TYPE ENDOSTATINE
- (71) **MINERVA BIOTECHNOLOGIES CORPORATION** [US/US]; 142 Church Street, Newton, MA 02458 (US).
- (72) **BAMDAD, R., Shoshana**; 142 Church Street, Newton, MA 02458 (US). **BAMDAD, Cynthia, Carol**; 142 Church Street, Newton, MA 02458 (US).

- (74) **FINCH, Stephen, 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
- (11) **WO 02/40000** (13) A2
- (21) PCT/US01/47324
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 60/249,077 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • USE OF CCI-779 AS AN ANTINEOPLASTIC AGENT
- UTILISATION DU CCI-779 EN TANT QU'AGENT ANTINEOPLASIQUE
- (71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).
- (72) **DUKART, Gary;** 1714 Benjamin Drive, Ambler, PA 19002 (US). **GIBBONS, James, Joseph, Jr.;** 33 Terrace Drive, Westwood, NJ 07675 (US). **SPEICHER, Lisa, Anne;** 509 Covington Road, Havertown, PA 19083 (US). **FROST, Philip;** 4 Emerson Court, Morris Township, NJ 07960 (US). **DISCAFANI-MARRO, Carolyn, Mary;** 8 Brookside Avenue, Cortlandt Manor, NY 10567 (US).
- (74) **MILOWSKY, Arnold, S.;** Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940-0874 (US) et al. / etc.
- (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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
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- (51)⁷ **A61K 31/00**
- (11) **WO 02/40001** (13) A2
- (21) PCT/US01/47361
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,326 **16 Nov/nov 2000 (16.11.2000)** US
- (30) 09/999,257 **15 Nov/nov 2001 (15.11.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOSITIONS FOR TREATMENT OF MALIGNANT EFFUSIONS AND METHODS OF MAKING AND USING THE SAME
- COMPOSITIONS SERVANT A TRAITER DES EPANCHEMENTS MALINS ET LEURS PROCÉDES DE PREPARATION ET D'UTILISATION
- (71) **GUILFORD 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) **DANG, Wenbin** [CN/US]; 3304 Governor Howard Drive, Ellicott City, MD 21043 (US).
- (74) **TAFT, Kingsley, L.** et al. / etc.; Patent Group, Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109-2170 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00**
- (11) **WO 02/40002** (13) A2
- (21) PCT/US01/48448
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) en (26) en
- (30) 60/244,252 **30 Oct/oct 2000 (30.10.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR MODULATION, STIMULATION, AND INHIBITION OF GLUTAMATE REUPTAKE
- PROCÉDE DE MODULATION, DE STIMULATION ET D'INHIBITION DE LA REABSORPTION DU GLUTAMATE
- (71) **ANNOVIS, INC.** [US/US]; 34 Mt. Pleasant Drive, Aston, PA 19014 (US).
- (72) **MACCECCHINI, Maria-Luisa;** 1223 FoxgLove Lane, West Chester, PA 19388 (US). **PEI, Xue-Feng;** 1157 Jarvis Lane, Lansdale, PA 19446 (US).
- (74) **PABST, Patrea, L.** et al. / etc.; Holland & Knight LLP, One Atlantic Center, Suite 2000, 1201 West Peachtree Street, Atlanta, GA 30309-3400 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/01, A61P 39/06, C09B 61/00, B01D 11/02**
- (11) **WO 02/40003** (13) A1
- (21) PCT/ES01/00433
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) es (26) es
- (30) P200002739 **15 Nov/nov 2000 (15.11.2000)** ES
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR PRODUCING AN ORGANIC SOLVENT-FREE LYCOPENE CONCENTRATE, THE RESULTING CONCENTRATE AND COMPOSITION COMPRISING SAID CONCENTRATE
- PROCÉDE D'OBTENTION D'UN CONCENTRE DE LYCOPENE SANS SOLVANTS ORGANIQUES, CONCENTRE AINSI OBTENU ET COMPOSITION CONTENANT LEDIT CONCENTRE
- (71) **UNIVERSIDAD DE EXTREMADURA** [ES/ES]; Avda. de Elva, s/n, E-08720 Badajoz (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SABIO REY, Eduardo** [ES/ES]; Escuela Ingenierías Industriales, Universidad de Extremadura, Avda. de Elva, s/n, E-06071 Badajoz (ES). **RAMIRO GONZÁLEZ, Antonio** [ES/ES]; Escuela Ingenierías Industriales, Universidad de Extremadura, Avda. de Elva, s/n, E-06071 Badajoz (ES). **GONZÁLEZ GONZÁLEZ, Juan, Félix** [ES/ES]; Escuela Ingenierías Industriales, Universidad de Extremadura, Avda. de Elva s/n, E-06071 Badajoz (ES). **CASTRO GÓMEZ, Francisco, Javier** [ES/ES]; Escuela Ingenierías Industriales, Universidad de Extremadura, Avda. de Elva s/n, E-06071 Badajoz (ES). **BERNALTE GARCÍA, María, Josefa** [ES/ES]; Escuela Ingenierías Agrarias, Universidad de Extremadura, Carretera de Cáceres s/n, E-06071 Badajoz (ES). **MORENO DE ESPINOSA TENA, Vicente** [ES/ES]; Instituto Tecnológico Agroalimentario Extremeño, Junta de Extremadura, Carretera de Cáceres s/n, E-06071 Badajoz (ES). **HERNÁNDEZ MÉNDEZ, Teresa** [ES/ES]; Instituto Tecnológico Agroalimentario Extremeño, Junta de Extremadura, Carretera de Cáceres s/n, E-06071 Badajoz (ES). **COELHO, José, A.** [PT/PT]; Departamento de Engenharia Química, Instituto Superior de Engenharia de Lisboa (ISEL), Rua Conselheiro Emídio Navarro, 1, P-1949-014 Lisboa (ES). **F. PALAVRA, Antonio** [PT/PT]; Departamento de Engenharia Química, Instituto Superior Técnico, Av. Robisco Pais, P-01049 001 Lisboa (ES). **LOZANO RUIZ,**

- Mercedes** [ES/ES]; Instituto Tecnológico Agroalimentario Extremeño, Junta de Extremadura, Carretera de Cáceres s/n, E-06071 Badajoz (ES).
- (74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 35, E-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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/045, 31/56, A61P 17/06, 37/08**
- (11) **WO 02/40004** (13) A1
- (21) PCT/FR01/03568
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) fr (26) fr
- (30) 00/14607 **14 Nov/nov 2000 FR (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **PHARMACEUTICAL OR COSMETIC COMPOSITION AND USE OF A PKC INHIBITOR WITH AN MMP INHIBITOR FOR INHIBITING LANGERHANS' CELL MIGRATION**
- **COMPOSITION PHARMACEUTIQUE OU COSMETIQUE ET UTILISATION D'UN INHIBITEUR DE PKC AVEC UN INHIBITEUR DE MMP POUR INHIBER LA MIGRATION DES CELLULES DE LANGERHANS**
- (71) **LABORATOIRES PHARMASCIENCE** [FR/FR]; 73, boulevard de la Mission Marchand, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MSIKA, Philippe** [FR/FR]; 226, rue Marcadet, F-75018 Paris (FR). **PICCARD, Nathalie** [FR/FR]; 47, rue Chapotier, 38120 Saint-Egreve (FR). **PICCIRILLI, Antoine** [FR/FR]; 52 bis, rue du Prieuré Saint-Thomas, F-28230 Epernon (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/05, 31/055, A61P 43/00, 23/02, 9/06, 9/00, 1/06, 21/02**
- (11) **WO 02/40005** (13) A2
- (21) PCT/EP01/13081
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 00124870.7 **15 Nov/nov 2000 EP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **BLOCKADE OF SODIUM CHANNELS BY PHENOL DERIVATIVES**
- **BLOCAGE DE CANAUX SODIQUES PAR DERIVES PHENOLES**
- (71) **B. BRAUN MELSUNGEN AG** [DE/DE]; Carl-Braun-Strasse 1, 34212 Melsungen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAESELER, Gertrud** [DE/DE]; Bleichenstrasse 81 F, 31515 Steinhude (DE). **LEUWER, Martin** [DE/DE]; Bleichenstrasse 81 F, 31515 Steinhude (DE).
- (74) **WEBER, Thomas** et al. / etc.; Patentanwälte, von Kreisler Selting Werner, Postfach 10 22 41, 50462 Köln (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (q1)
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- (51)⁷ **A61K 31/138, A61P 25/22**
- (11) **WO 02/40006** (13) A2
- (21) PCT/US01/27801
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) en (26) en
- (30) 60/249,010 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 60/265,362 **31 Jan/jan 2001 US (31.01.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **TREATMENT OF ANXIETY DISORDERS**
- **TRAITEMENT DE TROUBLES ANXIIEUX**
- (71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THOMASSON, Holly, Read** [US/US]; 204 East 47th Street, Indianapolis, IN 46205 (US). **MICHELSON, David** [US/US]; 1264 Clay Spring Drive, Carmel, IN 46032 (US).
- (74) **TITUS, Robert, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/165, A61P 9/00**
- (11) **WO 02/40007** (13) A1
- (21) PCT/EP01/13241
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 0028151.9 **17 Nov/nov 2000 GB (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **SYNERGISTIC COMBINATIONS COMPRISING A RENIN INHIBITOR FOR CARDIOVASCULAR DISEASES**
- **COMPLEXES MEDICAMENTEUX COMPORTANT UN INHIBITEUR DE LA RENINE ET SERVANT AU TRAITEMENT DE MALADIES CARDIOVASCULAIRES**
- (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-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.** [AT/AT]; Brunner Strasse 59 A-1235 Vienna (AT).
-
- Published / Publiée : (c)

(only for / seulement pour AT)

(72, 75) **HEWITT, William** [US/US]; 2971 Coventryville Road, Pottstown, PA 19465 (US). **VASELLA, Daniel, Lucius** [CH/CH]; Novartis International AG, Lichtstrasse 35, CH-4056 Basel (CH). **WEBB, Randy, Lee** [US/US]; 17 Honeyman Drive, Flemington, NJ 08822 (US).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (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 HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TR TT UA US UZ VN YU ZA ZM ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61K 31/165, 31/395, 31/17, 31/18, A61P 15/10**

(11) **WO 02/40008** (13) A2

(21) PCT/GB01/05018

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) PCT/GB00/04380 **17 Nov/nov 2000 GB (17.11.2000)**

(30) 0109910.0 **23 Apr/avr 2001 GB (23.04.2001)**

(30) 0111037.8 **4 May/mai 2001 GB (04.05.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • TREATMENT OF SEXUAL DYSFUNCTION

• TRAITEMENT DE DYSFONCTIONNEMENTS SEXUELS

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

(72, 75) **GONZALEZ, Maria, Isabel** [ES/GB]; 55 St. Barnabas Road, Cambridge, Cambridgeshire CB1 2BX (GB). **STOCK, Herman, Thijs** [NL/NL]; Aalsburg 2509, NL-6602 WB Wijchen (NL). **PINNOCK, Robert, Denham** [GB/GB]; 3 Teasel Way, Cherry Hinton, Cambridge, Cambridgeshire CB1 9YT (GB). **PRITCHARD, Martyn, Clive** [GB/GB]; The Maples, 9 Bury Close, St. Ives, Huntingdon, Cambridgeshire PE27 6WB (GB). **WAYMAN, Christopher, Peter** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **VAN DER GRAAF, Pieter, Hadewijn** [NL/GB]; c/o Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **NAYLOR, Alisdair, Mark** [GB/GB]; c/o Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **HIGGINBOTTOM, Michael** [GB/GB]; 120 Balland Field, Willingham, Cambridge, Cambridgeshire CB4 9LX (GB).

(74) **COLE, Paul, Gilbert**; 135 Westhall Road, Warlingham, Surrey CR6 9HJ (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61K 31/197, 31/195, 31/4172, 31/42, 31/437, 31/4535, A61P 5/24, 25/24**

(11) **WO 02/40009** (13) A1

(21) PCT/DK01/00773

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) PA 2000 01743 **20 Nov/nov 2000 DK (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • GABA ENHANCERS IN THE TREATMENT OF DISEASES RELATING TO REDUCED NEUROSTEROID ACTIVITY

• PROMOTEURS DE L'ACIDE GAMMA-AMINOBUTYRIQUE (GABA) DANS LE TRAITEMENT DE MALADIES LIEES A UNE REDUCTION L'ACTIVITE NEUROSTEROIDE

(71) **H. LUNDBECK A/S** [DK/DK]; Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).

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

(72, 75) **EBERT, Bjarke** [DK/DK]; Kålundsvvej 5, DK-3520 Farum (DK). **HØNGAARD ANDERSEN, Peter** [DK/DK]; Mosestedet 19, DK-3500 Værløse (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61K 31/198, 9/20, 9/28, 47/10, 47/26, 47/38 // A61P 3/10**

(11) **WO 02/40010** (13) A1

(21) PCT/JP01/09292

(22) **23 Oct/oct 2001 (23.10.2001)**

(25) ja (26) ja

(30) 2000-324374 **24 Oct/oct 2000 JP (24.10.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NATEGLINIDE-CONTAINING HYDROPHILIC DRUG PREPARATIONS

• PREPARATIONS DE MEDICAMENT CONTENANT DU NATEGLINIDE

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo 104-0031 (JP).

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

(72, 75) **NINOMIYA, Nobutaka** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **MAKINO, Chisato** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **YABUKI, Akira** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Shin-Tokyo Bldg, 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/198, 9/16, 47/38**

(11) **WO 02/40011** (13) A1

(21) PCT/JP01/09638

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) ja (26) ja

(30) 2000-349983 **16 Nov/nov 2000 JP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS FOR PRODUCING DRUG GRANULES CONTAINING BRANCHED AMINO ACIDS

• FABRICATION DE MEDICAMENTS EN GRANULES RENFERMANT DES ACIDES AMINES RAMIFIES

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8315 (JP).

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

(72, 75) **TAKANOSU, Kazuhiro** [JP/JP]; c/o AJINOMOTO CO., INC. Tokai Plant, 1730, Oaza Hinaga, Yokkaichi-shi, Mie 510-0885 (JP). **SAKAI, Hidetoshi** [JP/JP]; c/o AJINOMOTO CO., INC. Pharmaceutical Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). **YABUKI, Akira** [JP/JP]; c/o AJINOMOTO CO., INC. Pharmaceutical Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP).

(74) **TAKAHASHI, Fumiko**; c/o AJINOMOTO CO., INC. Intellectual Property Department, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP).

(81) CA NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61K 31/205, 31/716, A23L 1/305, A61P 3/02**

(11) **WO 02/40012** (13) A1

(21) PCT/IT01/00394

(22) **24 Jul/juil 2001 (24.07.2001)**

(25) en (26) en

(30) RM2000A000602 **17 Nov/nov 2000 IT (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • COMPOSITION FOR THE PREVENTION AND/OR TREATMENT OF LIPID METABOLISM DISORDERS AND ALLERGIC FORMS
- COMPOSITION POUR PREVENIR ET/OU TRAITER DES TROUBLES DE METABOLISME LIPIDIQUE ET SES FORMES ALLERGIQUES

(71) **SIGMA-TAU HEALTHSCIENCE S.P.A.** [IT/IT]; Via Treviso, 4, I-00040 Pomezia (IT).

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

(72, 75) **POLA, Pietro** [IT/IT]; Via delle Ortensie, 35, I-00040 Rocca di Papa (IT).

(74) **CAVATTONI, Fabio** et al. / etc.; Cavattoni - Raimondi, Viale dei Parioli, 160, I-00197 Roma (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/22, 38/40, A61P 9/10, 5/06, 31/04, 31/12, 37/04, 43/00 // A61K 38/40, 31:22**

(11) **WO 02/40013** (13) A1

(21) PCT/IT01/00395

(22) **24 Jul/juil 2001 (24.07.2001)**

(25) en (26) en

(30) RM2000A000601 **17 Nov/nov 2000 IT (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • COMPOSITION FOR STIMULATING THE IMMUNE DEFENCE AND IRON METABOLISM, CONTAINING PROPIONYL L-CARNITINE AND LACTO-FERRIN
- COMPOSITION DESTINEE A STIMULER LES DEFENSES IMMUNITAIRES ET LE METABOLISME DU FER, ET CONTENANT DE LA PROPIONYL-L-CARNITINE ET DE LA LACTOFERRINE

(71) **SIGMA-TAU HEALTHSCIENCE S.P.A.** [IT/IT]; Via Treviso, 4, I-00040 Pomezia (IT).

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

(72, 75) **POLA, Pietro** [IT/IT]; Via delle Ortensie, 35, I-00040 Rocca di Papa RM (IT).

(74) **CAVATTONI, Fabio** et al. / etc.; Cavattoni - Raimondi, Viale dei Parioli, 160, I-00197 Roma (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/232, 35/78, 35/60, A61P 3/00, 43/00**

(11) **WO 02/40014** (13) A1

(21) PCT/JP01/09976

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-349818 **16 Nov/nov 2000 JP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • FAT COMPOSITION FOR ORAL OR ENTERAL ADMINISTRATION AND HEXACOSANOIC ACID DEPRESSANT
- COMPOSITION LIPIDIQUE DESTINEE A L'ADMINISTRATION PAR VOIE ORALE OU ENTERALE ET NEURODEPRESSEUR A BASE D'ACIDE HEXACOSANOIQUE

(71) **MORINAGA MILK INDUSTRY CO., LTD.** [JP/JP]; 33-1, Shiba 5-chome, Minato-ku, Tokyo 108-8384 (JP).

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

(72, 75) **ANTOKU, Yasunobu** [JP/JP]; 835-14, Araki, Araki-machi, Kurume-shi, Fukuoka 830-0063 (JP). **TSUKAMOTO, Kosuke** [JP/JP]; 2740-702, Suwano-machi, Kurume-shi, Fukuoka 830-0037 (JP). **KOIKE, Fumihiko** [JP/JP]; 6-21, Onimaru-machi, Saga-shi, Saga 840-0021 (JP). **TOKUYAMA, Takashi** [JP/JP]; 3-3-17, Tozin-machi, Chuo-ku, Fukuoka-shi, Fukuoka 810-0063 (JP). **HAYASAWA, Hirotoshi** [JP/JP]; c/o MORINAGA MILK INDUSTRY CO., LTD., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-0004 (JP). **TAKASE, Mitsunori** [JP/JP]; c/o MORINAGA MILK INDUSTRY CO., LTD., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-0004 (JP). **OSHIDA, Kyoichi** [JP/JP]; c/o MORINAGA MILK INDUSTRY CO., LTD., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-0004 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61K 31/24, A61P 25/00**

(11) **WO 02/40015** (13) A1

(21) PCT/GB01/04291

(22) **26 Sep/sep 2001 (26.09.2001)**

(25) en (26) en

(30) 0023915.2 **29 Sep/sep 2000 GB (29.09.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • PROTEIN PRENYL TRANSFERASE IN THE TREATMENT OF NEUROINFLAMMATORY DISEASE
- PRENYL-TRANSFERASES PROTEIQUES UTILISES DANS LE TRAITEMENT DE MALADIES NEURO-INFLAMMATOIRES

(71) **INSTITUTE OF OPHTHALMOLOGY** [GB/GB]; University of College London, 11-43 Bath Street, London EC1V 9EL (GB).

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

(72, 75) **ADAMSON, Peter** [GB/GB]; 5 & 6 North Drive, Harwell, Oxfordshire (GB). **GREENWOOD, John** [GB/GB]; 21 Champion Grove, Camberwell, London (GB).

(74) **TOLLETT, Ian;** Williams, Powell & Associates, 4 St. Paul's Churchyard, London EC4M 8AY (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/27**

(11) **WO 02/40016** (13) A2

(21) PCT/FR01/03558

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) fr (26) fr

(30) 00/14690 **15 Nov/nov 2000 FR (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • ASSOCIATION OF CALPAIN INHIBITORS AND REACTIVE OXYGEN SPECIES TRAPPING AGENTS
- ASSOCIATION D'INHIBITEURS DE CALPAINE ET DE PIEGEURS DES FORMES REACTIVES DE L'OXYGENE

(71) **SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R.A.S.)** [FR/FR]; Société par Actions Simplifiée, 51-53, rue du Docteur Blanche, F-75016 Paris (FR).

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

- (72, 75) **CHABRIER DE LASSAUNIÈRE, Pierre-Etienne** [FR/FR]; 134, quai Louis Blériot, F-75016 Paris (FR). **PIGNOL, Bernadette** [FR/FR]; 39 rue de Pomard, F-75012 Paris (FR). **AUVIN, Serge** [FR/FR]; 4, rue Chanteclair, F-91730 Mauchamps (FR).
- (74) **BOURGOUIN, André**; Beaufour Ipsen - S.C.R.A.S., Direction de la Propriété Industrielle, 24, rue Erlanger, F-75781 Paris Cedex 16 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/34, 35/78, A61P 35/00**
- (11) **WO 02/40017** (13) A1
- (21) PCT/SG01/00232
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,962 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **CANCER CHEMOTHERAPEUTICAL AND CHEMOPREVENTIVE AGENT**
- AGENT CHIMIOThERAPEUTIQUE ET DE CHIMIO-PREVENTION DU CANCER
- (71) **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHEN, Han, Ming** [SG/SG]; Blk 602, #02-27, 1 Clementi West Street, Singapore 120602 (SG). **ONG, Choon, Nam** [SG/SG]; 8 Kingsmead Road, Singapore 267962 (SG).
- (74) **SACHITHANANTHAN, Suresan**; c/o Tan Rajah & Cheah, 9 Battery Road #15-00, Straits Trading Building, Singapore 049910 (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 NO NZ PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/4174, 31/41, 31/4164, 31/4439, 31/415, 31/5375, 31/5377, 31/166, 31/40, 31/796, A61P 27/06**
- (11) **WO 02/40018** (13) A1
- (21) PCT/US00/31151
- (22) **14 Nov/nov 2000 (14.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **TREATMENT OF GLAUCOMA AND OCULAR HYPERTENSION**
- TRAITEMENT DU GLAUCOME ET DE L'HYPERTENSION OCULAIRE
- (71) **ALCON LABORATORIES, INC.** [US/US]; R & D Counsel, Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CLARK, Abbot, F.** [US/US]; 5603 Rachel Court, Arlington, TX 76017 (US). **CONROW, Raymond, E.** [US/US]; 1008 Colina Vista Lane, Crowley, TX 76036 (US).
- (74) **YEAGER, Sally, S.** et al. / etc.; Alcon Laboratories, Inc., 6201 South Freeway, Mail Code Q-148, Fort Worth, TX 76134 (US).
- (81) AU BR CA CN JP MX PL US ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A61K 31/4184, 31/551, 31/5377, A61P 43/00, 25/04, 25/30, 3/04, 25/28, 25/18, 25/16, 25/14, 25/24, 13/00, 9/02**
- (11) **WO 02/40019** (13) A1
- (21) PCT/JP01/09956
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ja (26) ja
- (30) 2000-348064 **15 Nov/nov 2000 JP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **BENZIMIDAZOLE DERIVATIVES**
- DERIVES BENZIMIDAZOLES
- (71) **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKAMOTO, Osamu** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **KAWAMOTO, Hiroshi** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **KOBAYASHI, Kensuke** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **ITO, Satoru** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **KATO, Tetsuya** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **YAMAMOTO, Izumi** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **IWASAWA, Yoshikazu** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP).
- (74) **BANYU PHARMACEUTICAL CO., LTD.**; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416 (JP).
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- (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/427, A61P 5/18, 19/08, 19/10**
- (11) **WO 02/40020** (13) A1
- (21) PCT/GB01/05044
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 0027783.0 **14 Nov/nov 2000 GB (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **NOVEL USE OF CERTAIN INSULIN SENSITIZERS OR PPAR-GAMMA AGONISTS**
- NOUVELLE UTILISATION DE CERTAINS SENSIBILISATEURS A L'INSULINE OU AGONISTES DU PPAR-GAMMA
- (71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUCKINGHAM, Robin, Edwin** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) **GIDDINGS, Peter, John**; SmithKline Beecham, Corporate Intellectual Property (CN9.25.1), 980 Great West Road, Brentford, Middlesex TW8 9GS (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A61K 31/44, A61P 31/18, A61K 9/00**
- (11) **WO 02/40021** (13) A2
- (21) PCT/US01/45652
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 60/249,532 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)

- (54) • METHODS FOR INHIBITING THE TRANSMISSION OF HIV USING TOPICALLY APPLIED SUBSTITUTED 6-BENZYL-4-OXOPYRIMIDINES
- PROCEDES D'INHIBITION DE LA TRANSMISSION DU VIH AU MOYEN DE 6-BENZYL-4-OXOPYRIMIDINES SUBSTITUEES A APPLICATION TOPIQUE
- (71) **NOVIRIO PHARMACEUTICALS LIMITED** [—/—]; Walker Secretaries, Walker House, Grand Cayman (KY). **UNIVERSITA DEGLI STUDI DI CAGLIARI** [IT/IT]; Dip. Biologia Sperimentale, Sezione di Microbiologia, Cittadella Universitaria SS 554, Km. 4.500, I-09042 Monserrato (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SOMMADOSSI, Jean-Pierre** [FR/US]; 5075 Greystone Way, Birmingham, AL 3524 (US). **LA COLLA, Paulo** [IT/IT]; 5 Strada No. 11, Poggio dei Pini, I-09012 Capoterra (IT). **ARTICO, Marino** [IT/IT]; Edgardo Negri 64, I-00128 Roma (IT). **BRYANT, Martin, L.** [US/US]; 65 Hickory Lane, Carlisle, MA 01741 (US).
- (74) **KNOWLES, Sherry, M.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/454, A61P 15/10**
- (11) **WO 02/40022** (13) A1
- (21) PCT/GB00/04380
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • TREATMENT OF SEXUAL DYSFUNCTION USING BOMBESIN ANTAGONIST
- TRAITEMENT DES DYSFUNCTIONNEMENT SEXUELS PAR L'ANTAGONISTE DE LA BOMBESINE
- (71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GONZALEZ, Maria, Isabel** [ES/GB]; 55 Saint Barnabas Road, Cambridge, Cambridgeshire CB1 2BX (GB). **HIGGIN-BOTTOM, Michael** [GB/GB]; 120 Balland Field, Willingham, Cambridge, Cambridgeshire CB4 5JU (GB). **PINNOCK, Robert, Denham** [GB/GB]; 3 Teasel Way, Cambridge, Cambridgeshire CB1 4YT (GB). **PRITCHARD, Martyn, Clive** [GB/GB]; The Maples, 9 Bury Close, St. Ives, Huntingdon, Cambridgeshire PE17 4WB (GB).
- STOCK, Herman, Thijs** [NL/GB]; 1 Chelwood Road, Cambridge, Cambridgeshire CB1 9LX (GB).
- (74) **COLE, Paul, Gilbert**; Lucas & Co., 135 Westhall Road, Warringham, Surrey CR6 9HJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/47**
- (11) **WO 02/40023** (13) A1
- (21) PCT/US01/43995
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/249,204 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL USE
- NOUVELLE UTILISATION
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DILLON, Susan, B.** [US/US]; 505 Currits Court, Wayne, PA 19087 (US). **TAL-SINGER, Ruth** [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US).
- (74) **STEIN-FERNANDEZ, Nora** et al. / etc.; SmithKline Beecham Corporation, 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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A61K 31/495, A61P 25/18**
- (11) **WO 02/40024** (13) A1
- (21) PCT/EP01/11952
- (22) **16 Oct/oct 2001 (16.10.2001)**
- (25) en (26) en
- (30) 00124815.2 **14 Nov/nov 2000 (14.11.2000)** EP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL USES OF COMBINED 5-HT_{1A} AGONISTS AND SEROTONIN REUPTAKE INHIBITORS
- UTILISATIONS NOUVELLES D'AGONISTES 5-HT_{1A} ET D'INHIBITEURS DE RECAPTAGE DE SEROTONINE COMBINES
- (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) **BARTOSZYK, Gerd** [DE/DE]; Kreuzstrasse 57, 64331 Weiterstadt (DE).
- (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/50, 31/54, C07D 285/16, A61P 29/00, 11/06, 31/16**
- (11) **WO 02/40025** (13) A1
- (21) PCT/FI01/01000
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 20002525 **17 Nov/nov 2000 (17.11.2000)** FI
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ANTI-INFLAMMATORY AGENTS
- AGENTS ANTI-INFLAMMATOIRES
- (71) **ORION CORPORATION** [FI/FI]; Orionintie 1, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAIKALA, Heimo** [FI/FI]; Seilimäki 18 A 4, FIN-02180 Espoo (FI). **HYTTILÄ-HOPPONEN, Minja** [FI/FI]; Solkikuja 1 B 41, FIN-01600 Vantaa (FI). **NISSINEN, Erkki** [FI/FI]; Ellipsikuja 1 A 23, FIN-02210 Espoo (FI). **RUOT-SALAINEN, Minna** [FI/FI]; Kuismakuja 1 Y 23, FIN-00720 Helsinki (FI). **PIPPURI, Aino** [FI/FI]; Kaitaanportti 4 A, FIN-02360 Espoo (FI). **LÖNNBERG, Kari** [FI/FI]; Malminmäentie 5 A 1, FIN-02280 Espoo (FI).
- (74) **ORION CORPORATION**; Orion Pharma, Industrial Property Rights, P.O. Box 65, FIN-02101 Espoo (FI).
- (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61K 31/50, A61P 9/00, 37/06 // C07D 237/04**

(11) **WO 02/40026** (13) A1

(21) PCT/FI01/00999

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 20002526 **17 Nov/nov 2000** FI
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A NEW USE OF A PYRIDAZINONE DERIVATIVE

● NOUVELLE UTILISATION D'UN DERIVE DE PYRIDAZINONE

(71) **ORION CORPORATION** [FI/FI]; Orionintie 1, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAIKALA, Heimo** [FI/FI]; Seilimäki 18 A 4, FIN-02180 Espoo (FI). **POLLESELLO, Piero** [IT/FI]; Mariavägen 1 A, FIN-02700 Grankulla (FI).

(74) **ORION CORPORATION**; Orion Pharma, Industrial Property Rights, P.O. Box 65, FIN-02101 Espoo (FI).

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

Published / Publiée : (c)

(51)⁷ **A61K 31/505**

(11) **WO 02/40027** (13) A1

(21) PCT/IB01/02180

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 0028245.9 **20 Nov/nov 2000** GB
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● TREATMENT OF PREMATURE EJACULATION

● TRAITEMENT DE L'EJACULATION PRECOCE

(71) **PFIZER LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
(only for / seulement pour GB)

(71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf GB US)

(72, 75) **BOOLELL, Mitradev** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(74) **RUDDOCK, Keith, S.** et al. / etc.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/5383, 31/4709, 9/08, 47/36, A61P 31/04, 27/02**

(11) **WO 02/40028** (13) A1

(21) PCT/JP01/10023

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-350074 **16 Nov/nov 2000** JP
(16.11.2000)

(30) 2001-150900 **21 May/mai 2001** JP
(21.05.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ANTIBACTERIAL GEL EYE DROPS

● GOUTTES POUR LES YEUX EN GEL ANTIBACTERIEN

(71) **WAKAMOTO PHARMACEUTICAL CO., LTD.** [JP/JP]; 5-3, Nihonbashimuro-machi 1-chome, Chuo-ku, Tokyo 103-8330 (JP).

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

(72, 75) **SUZUKI, Hidekazu** [JP/JP]; c/o WAKAMOTO PHARMACEUTICAL CO., LTD., 5-3, Nihonbashimuro-machi 1-chome, Chuo-ku, Tokyo 103-8330 (JP). **WADA, Takahiro** [JP/JP]; c/o WAKAMOTO PHARMACEUTICAL CO., LTD., 5-3, Nihonbashimuro-machi 1-chome, Chuo-ku, Tokyo 103-8330 (JP). **KIRITA, Masanobu** [JP/JP]; c/o WAKAMOTO PHARMACEUTICAL CO., LTD., 5-3, Nihonbashimuro-machi 1-chome, Chuo-ku, Tokyo 103-8330 (JP). **TAKEUCHI, Masanobu** [JP/JP]; c/o WAKAMOTO PHARMACEUTICAL CO., LTD., 5-3, Nihonbashimuro-machi 1-chome, Chuo-ku, Tokyo 103-8330 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

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

(51)⁷ **A61K 31/56, 47/36**

(11) **WO 02/40029** (13) A2

(21) PCT/IB01/02170

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) it (26) en

(30) MI2000A002477 **17 Nov/nov 2000** IT
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CORTICOSTEROIDS ADDUCTS WITH NATURAL POLYSACCHARIDE POLYMERS

● ADDUITS DE CORTICOSTEROIDES COMPRENANT DES POLYMERES POLYSACCHARIDIQUES NATURELS

(71) **PHARMA BIOTECH LIMITED** [CY/CY]; Agias Varvaras 24, Archangelos, Nicosia (CY).

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

(72, 75) **ANZAGHI, Piergiorgio** [IT/IT]; Via Steffenini 22, I-20078 San Colombano al Lambro (IT). **STEFELI, Rosanna** [IT/IT]; Via Foppa 8, I-27100 Pavia (IT).

(74) **GERVASI, Gemma**; Notarbatolo & 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/56**

(11) **WO 02/40030** (13) A1

(21) PCT/US00/31557

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) ● COMBINATION THERAPY FOR LOWERING AND CONTROLLING INTRAOCULAR PRESSURE

● THERAPIE COMBINEE ABAISSANT ET REGULANT LA TENSION INTRAOCULAIRE

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134 (US).

(72) **CLARK, Abbot, F.**; 5603 Rachel Court, Arlington, TX 76017 (US).

(81) AU BR CA CN JP MX PL ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61K 31/565, 9/70, 47/14, 47/26, 47/34, A61P 5/30**

(11) **WO 02/40031** (13) A1

(21) PCT/JP01/09915

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) ja (26) ja

(30) 2000-350657 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **ADHESIVE PREPARATION CONTAINING ESTRADIOL**
● **PREPARATION ADHESIVE CONTENANT ESTRADIOL**

(71) **TELJIN LIMITED** [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf JP US)

(71) **TEYSAN PHARMACEUTICALS CO., LTD.** [JP/JP]; 1-5, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-0023 (JP).
(only for / seulement pour JP)

(72, 75) **MARUO, Susumu** [JP/JP]; c/o TEYSAN Pharmaceuticals Co., Ltd., 100, Takamatsu-cho 1-chome, Tachikawa-shi, Tokyo 190-0011 (JP). **WASEDA, Hiroyuki** [JP/JP]; c/o TEYSAN Pharmaceuticals Co., Ltd., 100, Takamatsu-cho 1-chome, Tachikawa-shi, Tokyo 190-0011 (JP). **HANAJIMA, Nobuaki** [JP/JP]; c/o TEYSAN Pharmaceuticals Co., Ltd., 100, Takamatsu-cho 1-chome, Tachikawa-shi, Tokyo 190-0011 (JP).

(74) **MAEDA, Sumihiro**; c/o Teijin Limited, Intellectual Property Center, 1-1, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (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 SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(t) 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(51)⁷ **A61K 31/565, A61P 25/00, 9/00, C07J 15/00**

(11) **WO 02/40032** (13) A2

(21) PCT/US01/47262

(22) **5 Nov/nov 2001 (05.11.2001)**

(25) en (26) en

(30) 60/249,580 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **CYTOPROTECTIVE POLYCYCLIC COMPOUNDS**

● **COMPOSES POLYCYCLIQUES CYTO-PROTECTEURS**

(71) **WASHINGTON UNIVERSITY** [US/US]; One Brookings Drive, -, St. Louis, MO 63130 (US).

(72) **COVEY, Douglas, F.**; c/o Washington University, One Brookings Drive, St. Louis, MO 63130 (US).

(74) **ALLEN, Derick, E.** 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A61K 31/662, 9/107, A61P 17/16**

(11) **WO 02/40033** (13) A1

(21) PCT/AU01/01475

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/247,997 **14 Nov/nov 2000 US (14.11.2000)**

(30) PR 5499 **6 Jun/juin 2001 AU (06.06.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **FORMULATION CONTAINING PHOSPHATE DERIVATIVES OF ELECTRON TRANSFER AGENTS**
● **FORMULATION CONTENANT DES DERIVES DE PHOSPHATE D'AGENTS DE TRANSFERT D'ELECTRONS**

(71) **TOCOVITE PTY LTD** [AU/AU]; Level 2, 90 William Street, Melbourne, VIC 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEST, Simon, Michael** [AU/AU]; 3 Verdon Street, Williamstown, VIC 3016 (AU).

(74) **ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS**; 530 Collins Street, Melbourne, VIC 3000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/662, 31/355, 7/48, 7/02, 7/075, 7/16, C07F 9/141, A61P 17/16**

(11) **WO 02/40034** (13) A1

(21) PCT/AU01/01476

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/247,997 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **COMPLEXES OF PHOSPHATE DERIVATIVES**
● **COMPLEXES DE DERIVES DE PHOSPHATE**

(71) **TOCOVITE PTY LTD** [AU/AU]; Level 2, 90 William Street, Melbourne, VIC 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEST, Simon, Michael** [AU/AU]; 3 Verdon Street, Williamstown, VIC 3016 (AU). **VERDICCHIO, Robert, J.** [US/US]; 8 Tania Court, Succasunna, NJ 07876 (US). **KANNAR, David** [AU/AU]; 182 Belgrave Hallam Road, Belgrave South, VIC 3150 (AU).

(74) **ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS**; 530 Collins Street, Melbourne, VIC 3000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/7004, 31/7016, A23L 1/30, 2/00, A61P 3/10**

(11) **WO 02/40035** (13) A1

(21) PCT/JP01/09542

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) ja (26) ja

(30) 2000-347372 **15 Nov/nov 2000 JP (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **REMEDIES FOR DIABETES**
● **MEDICAMENT CONTRE LE DIABETE**

(71) **SANWA KOSAN KABUSHIKI KAISHA** [JP/JP]; 1, Unate-cho, Kashihara-shi, Nara 634-0834 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **FUJII, Makoto** [JP/JP]; 9-6, Hoshigamine 2-chome, Kagoshima-shi, Kagoshima 891-0102 (JP). **HIZUKURI, Susumu** [JP/JP]; 28-6, Tamazato Danchi 2-chome, Kagoshima-shi, Kagoshima 892-0811 (JP).

(72, 75) **OHSAKI, Shigemitsu** [JP/JP]; 1140-36, Tooichi-cho, Kashihara-shi, Nara 634-0008 (JP).

(74) **ADATI, Mituo** et al. / etc.; Shin-Ei Building 6th Fl., 6-20, Tosabori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0001 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/7048, A61P 15/00 // C07H 17/08**

(11) **WO 02/40036** (13) A1

(21) PCT/JP01/09972

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-347643 **15 Nov/nov 2000 JP (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • PREVENTIVES OR REMEDIES FOR ENDOMETRIOSIS OR UTERINE MYOMA

• MEDICAMENTS DESTINES A LA PREVENTION OU AU TRAITEMENT DE L'ENDOMETRIOSE OU DU MYOME UTERIN

(71, 72) **SUGAMATA, Masao** [JP/JP]; 2308-3, Minamiakatsuka, Nogi-machi, Shimotsuga-gun, Tochigi 329-0112 (JP).

(74) **TANIGAWA, Hidejiro**; c/o TANIGAWA AND ASSOCIATES, Patent Firm, 6F, Iwata Bldg., 5-12, Iidabashi 4-chome, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/711, 39/04, A61P 31/04, G01N 33/68**

(11) **WO 02/40037** (13) A2

(21) PCT/GB01/05069

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 0028122.0 **17 Nov/nov 2000 GB (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • BIOLOGICAL MATERIALS AND USES THEREOF

• MATIERES BIOLOGIQUES ET LEURS UTILISATIONS

(71) **ST. GEORGE'S ENTERPRISES LIMITED** [GB/GB]; Cranmer Terrace, Tooting, London SW17 0RE (GB).

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

(72, 75) **COATES, Anthony, Robert, Milnes** [GB/GB]; Department of Medical Microbiology, St. George's Hospital Medical School, Cranmer Terrace, Tooting, London SW17 0RE (GB).

(74) **THOMAS, Philip, J., D.**; 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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/711, 39/04, A61P 31/04, G01N 33/68**

(11) **WO 02/40038** (13) A2

(21) PCT/GB01/05084

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 0028122.0 **17 Nov/nov 2000 GB (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • BIOLOGICAL MATERIALS AND USES THEREOF

• MATERIAUX BIOLOGIQUES ET UTILISATIONS DE CEUX-CI

(71) **ST. GEORGE'S ENTERPRISES LIMITED** [GB/GB]; Cranmer Terrace, Tooting, London SW17 0RE (GB).

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

(72, 75) **COATES, Anthony, Robert, Milnes** [GB/GB]; Dept. of Medical Microbiology, St. George's Hospital Medical School, Cranmer Terrace, Tooting, London SW17 0RE (GB).

(74) **THOMAS, Philip, J., D.**; 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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/715, 9/16, 9/50, A61P 7/10**

(11) **WO 02/40039** (13) A2

(21) PCT/US01/51233

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) en (26) en

(30) 60/249,955 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • IN VIVO USE OF WATER ABSORBENT POLYMERS

• UTILISATION IN VIVO DE POLYMERES ABSORBEURS D'EAU

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

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

(72, 75) **SIMON, Jaime** [US/US]; Route 1, Box 199-A, Angleton, TX 77515 (US). **STRICKLAND, Alan, D.** [US/US]; 115 Hickory, Lake Jackson, TX 77566 (US).

(74) **BLACK, Edward, W.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ YU ZA ZW.

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

(51)⁷ **A61K 33/44**

(11) **WO 02/40040** (13) A1

(21) PCT/US01/42951

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 09/712,912 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CAMPTOTHECIN COMPOUNDS WITH A SULFHYDRYL GROUP

• COMPOSES DE CAMPTOTHECINE RENFERMANT UN GROUPE SULFHYDRYLE

(71) **RESEARCH TRIANGLE INSTITUTE** [US/US]; 3040 Cornwallis Road, Research Triangle Park, NC 27709 (US). **DUKE UNIVERSITY** [US/US]; 230 North Building, Research Drive, Durham, NC 27708 (US). **NATIONAL INSTITUTES OF HEALTH** [US/US]; 6011 Executive Blvd, Suite 235, Rockville, MD 20892 (US).

(72) **GAMCSIK, Michael, P.**; 206 Chesapeake Way, Chapel Hill, NC 27516 (US). **ADAMS, David, J.**; 1700 Ferrell Road, Chapel Hill, NC 27514 (US). **COLVIN, O., Michael**; 208 Arcadia Lane, Chapel Hill, NC 27514 (US). **WALL, Monroe, E.**; Villa 406, Carolina Meadows, Chapel Hill, NC 27514 (US). **WANI, Mansukh, C.**; 2801 Legion Avenue, Durham, NC 27707 (US). **MANIKUMAR,**

- Govindarajan**; 8008 Selfridge Ct., Raleigh, NC 27615 (US). **POMMIER, Yves**; 8102 Maple Ridge Rd., Bethesda, MD 20814 (US).
- (74) **MASON, J., Derek**; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61K 35/00**

(11) **WO 02/40041** (13) A2

(21) PCT/NO01/00446

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) 60/247,957 **14 Nov/nov 2000** US **(14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • ORALLY INGESTIBLE PREPARATION OF MISTLETOE LECTINS AND METHOD

- PREPARATION A BASE DE LECTINES DE GUI INGERABLE PAR VOIE ORALE ET METHODE ASSOCIEE

(71, 72) **PRYME, Ian** [GB/NO]; Natlandsfjellet 120, N-5098 Bergen (NO).

(74) **ABEL, Christian**; Grahl-Madsen, Ingebrigt- sen & Co, Postboks 333 Sentrum, N-5804 Bergen (NO).

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

Declaration / Déclaration : (u) for / pour US only / seulement

(51)⁷ **A61K 35/76, A61P 35/00**

(11) **WO 02/40042** (13) A2

(21) PCT/CA01/01612

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 60/252,221 **20 Nov/nov 2000** US **(20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR OPTIMALLY DELIVERING VIRUS TO A SOLID TUMOR MASS

- PROCEDE D'APPORT OPTIMAL D'UN VIRUS A UNE MASSE DE TUMEUR SOLIDE

(71) **ONCOLYTICS BIOTECH, INC.** [CA/CA]; Suite 210, 1167 Kensington Cres- cent N.W., Calgary, Alberta T2N 1X7 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COFFEY, Matthew, C.** [CA/CA]; 2231 Bowness Road, N.W., Calgary, Alberta T2N 3L4 (CA). **THOMPSON, Bradley, G.** [CA/CA]; 1775 7th Avenue, N.W., Calgary, Alberta T2N 0Z5 (CA).

(74) **DONAHUE ERNST & YOUNG LLP**; Suite 1800, Toronto-Dominion Centre, 222 Bay Street, P.O. Box 197, Toronto, Ontario M5K 1H6 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A61K 35/78, 31/74, 47/00, A23B 7/10, A23C 1/06**

(11) **WO 02/40043** (13) A1

(21) PCT/US01/42948

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/248,223 **15 Nov/nov 2000** US **(15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • THE METHOD OF PREPARATION AND USE OF COCONUT WATER IN MAMMALIAN TISSUE NOURISHMENT, GROWTH AND HEALTHY MAINTENANCE

- PROCEDE DE PREPARATION ET D'UTILISATION D'EAU DE NOIX DE COCO AFIN DE NOURIR LES TISSUS MAMMIFERES, DE LES FAIRE CROITRE ET DE LES MAINTENIR SAINS

(63) US 60/248,223 (CIP) 15 Nov/nov 2000 (15.11.2000)

(71) **SABINSA CORPORATION** [US/US]; 121 Ethel Road West, Unit #6, Piscataway, NJ 08854 (US).

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

(72, 75) **MAJEED, Muhammed** [US/US]; c/o Sabinsa Corporation, 121 Ethel Road West, Unit #6, Piscataway, NJ 08854 (US). **BAD-MAEV, Vladimir** [US/US]; c/o Sabinsa Corporation, 121 Ethel Road West, Unit #6, Piscataway, NJ 08854 (US).

(74) **MURRAY, Robert, B.** et al. / etc.; Arent Fox Kinter Plotkin & Kahn, PLLC, Suite 400, 1050 Connecticut Avenue, N.W., Washington, DC 20036 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/40044** (13) A2

(21) PCT/US01/46598

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/249,524 **17 Nov/nov 2000** US **(17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CHEMOATTRACTANT RECRUITMENT OF DENDRITIC CELLS FOR ENHANCEMENT OF IMMUNIZATION

- RECRUTEMENT PAR CHIMIOTACTISME DE CELLULES DENDRI- TIQUES POUR RENFORCER L'IM- MUNISATION

(71) **IMMUNEX CORPORATION** [US/US]; 51 University Street, Seattle, WA 98101-2936 (US).

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

(72, 75) **MALISZEWSKI, Charles, R.** [US/US]; 1014 NW 120th, Seattle, WA 98177 (US). **BUTZ, Eric, A.** [US/US]; 1222 NE 105th Place, Seattle, WA 98125 (US). **GALIBERT, Laurent, J.** [FR/US]; 6832 47th Avenue NE, Seattle, WA 98115 (US). **BORGES, Luis, G.** [PT/US]; 3008 NW 57th Street, Seattle, WA 98107 (US).

(74) **SHERWOOD, Pamela, J.**; Bozicevic, Field & Francis, LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A61K 38/46, 9/16**

(11) **WO 02/40045** (13) A2

(21) PCT/EP01/13115

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) MI2000A002456 **15 Nov/nov 2000** IT **(15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MICROSOPHERES OF PANCREATIC ENZYMES WITH HIGH STABIL- ITY AND PRODUCTION METHOD THEREOF

- MICROSPHERES D'ENZYMES PAN-CRETIQUES A STABILITE ELEVEE ET LEUR PROCEDE DE PRODUCTION
- (71) **EURAND INTERNATIONAL S.P.A.** [IT/IT]; Piazzale Marengo, 8, I-20121 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAIO, Mario** [IT/IT]; Viale Elvezia, 10/A, I-20154 Milan (IT).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi, Corso di Porta Vittoria, 9, I-20122 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 39/112, C12N 1/20, 1/21, 1/36**
- (11) **WO 02/40046** (13) A1
- (21) PCT/EP01/13396
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 00204022.8 **16 Nov/nov 2000 (16.11.2000)** EP
- (30) 00204387.5 **8 Dec/déc 2000 (08.12.2000)** EP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **SALMONELLA VACCINE**
• VACCIN CONTRE LA SALMONELLE
- (71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NUIJTEN, Petrus, Johannes, Maria** [NL/NL]; De Linde 10, NL-5831 RD Boxmeer (NL). **WITVLIET, Maarten, Hendrik** [NL/NL]; Buitenhof 36, NL-5807 BW Oostrum (NL).
- (74) **KEUS, J., A., R.**; P.O. Box 20, NL-5340 BH Oss (NL).
- (81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ PH PL RO RU SG SI SK SL TR TT UA US UZ VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 39/395, A61P 7/00**
- (11) **WO 02/40047** (13) A2
- (21) PCT/CA01/01648
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/249,441 **20 Nov/nov 2000 (20.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **METHOD FOR TREATING THROMBOCYTOPENIA WITH MONOCLONAL IVIG**
• PROCEDE SERVANT A TRAITER LA THROMBOCYTOPENIE AU MOYEN D'IMMUNOGLOBULINE INTRAVEINEUSE MONOCLONALE
- (71) **CANADIAN BLOOD SERVICES** [CA/CA]; Research and Development, 1800 Alta Vista, Ottawa, Ontario K1G 4J5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAZARUS, Alan, H.** [CA/CA]; 1705-49 Thorncliffe Park Drive, Toronto, Ontario M4H 1J6 (CA). **FREEDMAN, John** [CA/CA]; 44 Charles Street West, Toronto, Ontario M4Y 1R8 (CA). **SONG, Seng** [CA/CA]; 498 Main Street, Toronto, Ontario M4C 4Y2 (CA). **CROW, Andrew, R.** [CA/CA]; 1 Massey Square, Suite 1217, Toronto, Ontario M4C 5L4 (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 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 39/395, A61P 7/02, 9/10, 35/04**
- (11) **WO 02/40048** (13) A2
- (21) PCT/EP01/13445
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) de (26) de
- (30) 100 57 443.2 **20 Nov/nov 2000 (20.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **RECOMBINED ANTI-GPIIB/IIIA ANTIBODIES USED FOR INHIBITING ANGIOGENESIS**
• ANTICORPS RECOMBINANTS ANTI-GPIIB/IIIA UTILISES POUR INHIBER L'ANGIOGENESE
- (71) **ASAT AG APPLIED SCIENCE & TECHNOLOGY** [CH/CH]; Baarerstrasse 77, CH-6302 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERCHTOLD, Peter** [CH/CH]; Waidweg 88, CH-3032 Hinterkappeln (CH). **ESCHER, Robert** [CH/CH]; Lentulusstrasse 59, CH-3007 Bern (CH).
- (74) **WEICKMANN & WEICKMANN** et al. / etc.; Postfach 860 820, 81635 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 39/395, 51/10**
- (11) **WO 02/40050** (13) A1
- (21) PCT/US01/46126
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/249,048 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **NON-LETHAL METHODS FOR CONDITIONING A RECIPIENT FOR BONE MARROW TRANSPLANTATION**
• PROCEDES NON LETAUX DE CONDITIONNEMENT DE RECEVEUR EN
- 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

VUE D'UNE GREFFE DE MOELLE OSSEUSE

(71) **THE UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.** [US/US]; c/o Office of Technology Development, 2301 South Third Street, Jouett Hall, Louisville, KY 40208 (US).

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

(72, 75) **ILDSTAD, Suzanne, T.** [US/US]; 13906 Riverglen Lane, Prospect Kentucky 40059 (US).

(74) **BURTON, Carol, W.** et al. / etc.; Hogan & Hartson LLP, Suite 1500, 1200 17th Street, Suite 1500, Denver, CO 80202 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61K 45/06, 39/395, A61P 29/00, 31/04, 1/00**

(11) **WO 02/40051** (13) A1

(21) PCT/NZ01/00256

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 508234 **15 Nov/nov 2000 NZ (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **COLOSTRUM-BASED COMPOSITION**
● **COMPOSITION A BASE DE COLOSTRUM**

(71) **FONTERRA CO-OPERATIVE GROUP LIMITED** [NZ/NZ]; 103 Leonard Isitt Drive, Auckland Airport, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMS, Charles, Edward** [ZA/NZ]; 31 Bramley Drive, Flagstaff, Hamilton (NZ). **HOBMAN, Peter, Graeme** [NZ/NZ]; 59 Malcolm Street, Hamilton (NZ). **YARROW, Simon, Stephen** [NZ/NZ]; 17 Banbury Crescent, Hamilton (NZ).

(74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Shelston Waters, PO Box 852, Wellington 6001 (NZ).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW ZW.

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

Published / Publiée : (c)

(51)⁷ **A61K 45/06, 31/196, 33/00, A61P 11/08, 11/06**

(11) **WO 02/40052** (13) A1

(21) PCT/SE01/02542

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 0004229-1 **17 Nov/nov 2000 SE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **INHALATION OF NITRIC OXIDE**
● **INHALATION D'OXYDE NITRIQUE**

(71) **AGA AB** [SE/SE]; S-181 81 Lidingö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEDENSTIERN, Göran** [SE/SE]; Vendevägen 74, S-182 64 Djursholm (SE). **CHEN, Luni** [CN/SE]; Rackarbergsgatan 96, S-752 32 Uppsala (SE).

(74) **AWAPATENT AB**; Box 45086, S-104 30 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 47/02, 31/343, 31/407, 31/352, 9/32, 9/36, C07D 307/77, 491/052, 311/94, 491/048**

(11) **WO 02/40053** (13) A1

(21) PCT/JP01/10017

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-351226 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **PHARMACEUTICAL PREPARATION CONTAINING TALC/BARIUM SULFATE**
● **PREPARATION PHARMACEUTIQUE CONTENANT DU TALC/ DU SULFATE DE BARYUM**

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

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

(72, 75) **FUKUTA, Makoto** [JP/JP]; 2-10-B-508, Tsurumainishi-machi, Nara-shi, Nara 631-0022 (JP). **ISHIDA, Hajime** [JP/JP]; 4-34-205, Sawaragihigashimachi, Ibaraki-shi, Osaka 567-0863 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; AOYAMA & PARTNERS, IMP Building 3-7, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (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 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 47/32, 31/343, 31/407, 31/137, 31/36, 31/407, 31/352, 9/32, 9/36, C07D 307/77, 491/052, 311/94, 491/048**

(11) **WO 02/40054** (13) A1

(21) PCT/JP01/10016

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-351223 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **PHARMACEUTICAL PREPARATION CONTAINING COPOLYVIDONE**
● **PREPARATION PHARMACEUTIQUE CONTENANT DE LA COPOLYVIDONE**

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIDA, Hajime** [JP/JP]; 4-34-205, Sawaragihigashimachi, Ibaraki-shi, Osaka 567-0863 (JP). **FUKUTA, Makoto** [JP/JP]; 2-10-B-508, Tsurumainishi-machi, Nara-shi, Nara 631-0022 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; AOYAMA & PARTNERS, IMP Building 3-7, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (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 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **A61K 47/36, 31/715, 9/08, 9/70**
 (11) **WO 02/40055** (13) A2
 (21) PCT/US01/43673
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 09/715,429 **17 Nov/nov 2000** US
(17.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • SOLUTIONS AND FILMS OF GLYCATED CHITOSAN
 • SOLUTIONS ET PELLICULES A BASE DE CHITOSANE GLYQUE
 (71) **WOUND HEALING OF OKLAHOMA, INC.** [US/US]; 3945 North Walnut, Oklahoma City, OK 73105 (US).
 (72) **NORDQUIST, Robert, E.**; 3505 Twelve Oaks Road, Oklahoma City, OK 73120 (US). **CARUBELLI, Raoul**; 3626 N.W. 53rd Street, Oklahoma City, OK 73112 (US).
 (74) **WEEKS, R., Alan**; Fellers, Snider, Blankenship, Bailey & Tippens, P.C., Suite 800, 321 S. Boston Avenue, Tulsa, OK 74103-3318 (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 SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 47/36**
 (11) **WO 02/40056** (13) A2
 (21) PCT/US01/44145
 (22) **5 Nov/nov 2001 (05.11.2001)**
 (25) en (26) en
 (30) 60/246,236 **6 Nov/nov 2000** US
(06.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • CARRAGEENAN VISCOELASTICS FOR OCULAR SURGERY
 • PRODUITS VISCOELASTIQUES A BASE DE CARRAGENANES UTILISES EN CHIRURGIE OCULAIRE
 (71) **ALCON UNIVERSAL LTD.** [CH/CH]; Bosch 69, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KARAKELLE, Mutlu** [TR/US]; 6713 Glen Meadow Drive, Fort Worth, TX 76132 (US). **BRUNSTEDT, Michael, R.** [US/US]; 304 Teakwood Lane, Lewisville, TX 75067 (US).
 (74) **COPELAND, Barry, L.** et al. / etc.; Intellectual Property Law and R & D Counsel, Alcon Research, Ltd. (Q-148), 6201 South Freeway, Forth Worth, TX 76134-2099 (US).
-
- (81) BR CA CN JP KR MX NO NZ SG US ZA.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A61K 47/48, A61P 31/00**
 (11) **WO 02/40057** (13) A1
 (21) PCT/IB01/02172
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) it (26) en
 (30) MI20000A002478 **17 Nov/nov 2000** IT
(17.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • ANTIBIOTICS ADDUCTS WITH NATURAL POLYSACCHARIDE POLYMERS IN THE FORM OF AQUEOUS SOLUTIONS
 • ADDUITS POUR ANTIBIOTIQUES DE POLYMERES DE SACCHARIDES NATURELS SOUS FORME DE SOLUTIONS AQUEUSES
 (71) **PHARMA BIOTECH LIMITED** [CY/CY]; Agias Varvaras 24, Archangelos, Nicosia (CY).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ANZAGHI, Piergiorgio** [IT/IT]; Via Steffenini, 22, I-20078 San Colombano al Lambro (IT). **STEFELI, Rosanna** [IT/IT]; Via Foppa, 8, I-27100 Pavia (IT).
 (74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.P.A., Corso de Porta Vittoria, 9, 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 SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A61K 47/48**
 (11) **WO 02/40058** (13) A2
 (21) PCT/US01/32566
 (22) **18 Oct/oct 2001 (18.10.2001)**
 (25) en (26) en
 (30) 09/712,536 **14 Nov/nov 2000** US
(14.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • HYDROXYAPATITE-TARGETING POLY(ETHYLENE GLYCOL) AND RELATED POLYMERS
 • POLYETHYLENEGLYCOL CIBLANT L'HYDROXYAPATITE ET POLYMERES APPARENTES
 (71) **SHEARWATER CORPORATION** [US/US]; 490 Discovery Drive, Huntsville, AL 35806-2902 (US).
(for all designated States except / pour tous les États désignés sauf US)
-
- (72, 75) **ROBERTS, Michael, James** [US/US]; 104 Cane Brook Court, Madison, AL 35758 (US). **KOZLOWSKI, Antoni** [PL/US]; 2209 Fairfax Street, Huntsville, AL 35811 (US).
 (74) **HUMPHREY, Christopher, M.**; 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 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 PH PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 48/00**
 (11) **WO 02/40059** (13) A2
 (21) PCT/US01/45626
 (22) **1 Nov/nov 2001 (01.11.2001)**
 (25) en (26) en
 (30) 09/704,232 **1 Nov/nov 2000** US
(01.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • METHODS AND COMPOSITIONS FOR INDUCING CELL-MEDIATED IMMUNE RESPONSES
 • PROCEDES ET COMPOSITIONS POUR INDIUIRE DES REPONSES IMMUNITAIRES A MEDIATION CELLULAIRE
 (71) **AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH, INC.** [US/US]; 12111 Parklawn Drive, Rockville, MD 20852 (US).
 (71, 72) **MINCHEFF, Milcho, S.** [—/US]; 7518 Indian Hills Drive, Rockville, MD 20855 (US). **LOUKINOV, Dmitri, I.** [—/US]; 12822 Sage Terrace, Germantown, MD 20874 (US). **ZOUBAK, Seguei** [—/US]; 18612 Bay Leaf Way, Germantown, MD 20874 (US).
 (74) **CLAUSS, Isabelle, M.** et al. / etc.; Foley, Hoag & Eliot, LLP, Patent Group, One Post Office Square, Boston, MA 02109-2170 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 51/04, 49/08**
 (11) **WO 02/40060** (13) A2
 (21) PCT/US01/46002
 (22) **31 Oct/oct 2001 (31.10.2001)**

- (25) en (26) en
- (30) 60/244,547 **31 Oct/oct 2000** US
(**31.10.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● CONJUGATES OF ANTIOXIDANTS WITH METAL CHELATING LIGANDS FOR USE IN DIAGNOSTIC AND THERAPEUTIC APPLICATIONS
- CONJUGUES D'ANTIOXYDANTS ET DE LIGANDS DE CHELATION METALLIQUE DESTINES A DES APPLICATIONS DIAGNOSTIQUES ET THERAPEUTIQUES
- (63) US 60/244,547 (CIP)
31 Oct/oct 2000 (31.10.2000)
- (71) **BRACCO INTERNATIONAL BV** [NL/NL]; Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RANGANATHAN, Ramachandra, S.** [US/US]; 196 Sayre Drive, Princeton, NJ 08540 (US). **FAN, Helen** [US/US]; 3 Barley Court, Plainsboro, NJ 08536 (US). **TWEEDLE, Michael, F.** [US/US]; 72 Library Place, Princeton, NJ 08540 (US).
- (74) **DOUROS, Timothy, J.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L**
- (11) **WO 02/40061** (13) A2
- (21) PCT/US01/43642
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,812 **15 Nov/nov 2000** US
(**15.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● IMMUNOCOMPETENT ANIMALS INCLUDING XENOGENEIC IMPLANTS OF MESENCHYMAL STEM CELLS
- ANIMAUX IMMUNOCOMPETENTS, Y COMPRIS SOUS FORME D'IMPLANTS XENOGENIQUES DE CELLULES EMBRYONNAIRES MESENCHYMATEUSES
- (71) **OSIRIS THERAPEUTICS, INC.** [US/US]; 2001 Aliceanna Street, Baltimore, MD 21231-2001 (US).
- (72) **VANGURI, Padmavahy**; 1 Ivy Reach Court, Cockeysville, MD 21230 (US). **DEANS, Robert**; 415 Furman Drive, Claremont, CA 91711 (US).
- (74) **LILLIE, Raymond** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 2/26**
- (11) **WO 02/40063** (13) A1
- (21) PCT/FR01/03612
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) fr (26) fr
- (30) 00/14977 **20 Nov/nov 2000** FR
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● MULTIPURPOSE PACKAGES FOR STERILISED PRODUCTS OR PRODUCTS TO BE STERILISED
- EMBALLAGES MULTIFONCTIONNELS POUR PRODUITS STERILISES OU DESTINES A ETRE STERILISES
- (71) **BECTON DICKINSON FRANCE** [FR/FR]; Rue Aristide Bergès, F-38800 LE PONT DE CLAIX (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JANSEN, Hubert** [FR/FR]; 27 rue Flora Tristan, F-38320 POISAT (FR). **PORRET, Jean-Yves** [FR/FR]; 22 rue de la Plaine, F-38610 GIERES (FR).
- (74) **CABINET GERMAIN & MAUREAU**; CABINET GERMAIN & MAUREAU, BP 6153, F-69466 LYON CEDEX 06 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 2/26, 2/08**
- (11) **WO 02/40064** (13) A1
- (21) PCT/FR01/03613
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) fr (26) fr
- (30) 00/14975 **20 Nov/nov 2000** FR
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PACKAGE FOR STERILE PRODUCTS
- EMBALLAGE POUR PRODUITS STERILES
- (71) **BECTON DICKINSON FRANCE** [FR/FR]; Rue Aristide Bergès, F-38800 Le Pont de Claix (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PORRET, Jean-Yves** [FR/FR]; 22, rue de la Plaine, F-38610 Gières (FR). **JANSEN, Hubert** [FR/FR]; 27, rue Flora Tristan, F-38320 Poizat (FR).
- (74) **CABINET GERMAIN & MAUREAU**; BP 6153, F-69466 Lyon Cedex 06 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61L 2/26**

(11) **WO 02/40065** (13) A1

(21) PCT/FR01/03614

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) fr (26) fr

(30) 00/14976 **20 Nov/nov 2000 (20.11.2000)** FR

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **PACKAGE FOR PRODUCTS TO BE STERILISED WITH A HIGH-TEMPERATURE STERILISING FLUID**

● **EMBALLAGE POUR PRODUITS A STERILISER A L'AIDE D'UN FLUIDE STERILISANT A HAUTE TEMPERATURE**

(71) **BECTON DICKINSON FRANCE** [FR/FR]; Rue Aristide Bergès, F-38800 LE PONT DE CLAI (FR).

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

(72, 75) **GRIMARD, Jean-Pierre** [FR/FR]; 14 rue du Nord, F-38450 VIF (FR). **THIBAUT, Jean-Claude** [FR/FR]; 18 rue de Cuvilleux, F-38120 SAINT-EGREVE (FR).

(74) **CABINET GERMAIN & MAUREAU**; BP 6153, F-69466 LYON CEDEX 06 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61L 2/28**

(11) **WO 02/40066** (13) A1

(21) PCT/EP01/13178

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) 200 19 360.0 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **MEASURING DEVICE FOR DETECTING TEMPERATURE-DEPENDENT MEASURED VALUES**

● **DISPOSITIF DE MESURE POUR LA DETECTION DE VALEURS DE MESURE FONCTION DE LA TEMPERATURE**

(71) **EBRO ELECTRONIC GMBH & CO. KG** [DE/DE]; Peringerstrasse 10, 85055 Ingolstadt (DE).

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

(72, 75) **BOSCH, Albert** [NL/NL]; Klaproos 8, NL-5935 CE Steyl (NL).

(74) **BERGMEIER, Werner**; Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (DE).

(81) CA JP NZ US.

Published / Publiée : (c)

Declarations / Déclarations :

(t) for all designations / pour toutes les designations

(u) for / pour US only / seulement

(51)⁷ **A61L 9/03, 9/12, A01M 1/20**

(11) **WO 02/40067** (13) A1

(21) PCT/JP01/09950

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-348614 **15 Nov/nov 2000 (15.11.2000)** JP

(30) 2001-19174 **26 Jan/jan 2001 (26.01.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **CONTAINER FOR TRANSPIRATION**

● **CONTENANT POUR TRANSPIRATION**

(71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi Kayaba-cho 1-chome, Chuo-ku, Tokyo 103-0025 (JP).

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

(72, 75) **YAMADA, Takashi** [JP/JP]; c/o KAO CORPORATION, Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo 131-0044 (JP). **TAWARA, Hiroto** [JP/JP]; c/o KAO CORPORATION, Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo 131-0044 (JP).

(74) **SHIOKAWA, Shuji**; 10F, 11Mori Bldg, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61L 15/54, 24/00, A61K 9/00**

(11) **WO 02/40068** (13) A2

(21) PCT/US01/44057

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) en (26) en

(30) 09/710,345 **9 Nov/nov 2000 (09.11.2000)** US

(30) 09/946,700 **5 Sep/sep 2001 (05.09.2001)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **WOUND DRESSING AND DRUG DELIVERY SYSTEM**

● **PANSEMENT POUR BLESSURE ET SYSTEME D'APPORT DE MEDICAMENT**

(71, 72) **LEADERMAN, Richard, N.** [US/US]; 1284 Elm Street, West Springfield, MA 01089 (US).

(74) **SANTUCCI, Ronald, R.**; Frommer Lawrence & Haug, LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) CA MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61L 17/00**

(11) **WO 02/40069** (13) A2

(21) PCT/US01/47146

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) en (26) en

(30) 60/246,543 **6 Nov/nov 2000 (06.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **BIOACTIVE SURGICAL SUTURE**
● **SUTURE CHIRURGICALE BIOACTIVE**

(71, 72) **SHIBUYA, Terry, Y.** [US/US]; 3 Bartok Court, Irvine, CA 92612 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, 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 (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61L 27/00**

(11) **WO 02/40070** (13) A2

(21) PCT/CA01/01623

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/248,226 **15 Nov/nov 2000 (15.11.2000)** US

(30) 60/248,568 **16 Nov/nov 2000 (16.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **METHOD FOR RESTORING A DAMAGED OR DEGENERATED INTER-VERTEBRAL DISC**

● **PROCEDE DE RESTAURATION D'UN DISQUE INTERVERTEBRAL ENDOMMAGE OU ATTEINT DE DEGENERESCENCE**

(71) **BIO SYNTECH CANADA INC.** [CA/CA]; 475 Armand Frappier Blvd., Laval, Québec H7V 4B3 (CA).

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

(72, 75) **DESROSIERS, Eric, André** [CA/CA]; 1209 Bernard Street, Apt. 10, Outremont, Québec H2V 1V7 (CA). **CHENITE, Abdelatif** [CA/CA]; 28 Bethune, Kirkland, Québec H9H 4H6 (CA). **BERRADA, Mohammed** [CA/CA]; 12449 Lachapelle, Suite 104, Montréal, Québec H4J 2N2 (CA). **CHAPUT,**

- Cyril [CA/CA]; 3333 Jean-Talon Street, Suite 316, Montréal, Québec H3R 2G1 (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61L 27/00**
- (11) **WO 02/40071** (13) A1
- (21) PCT/JP01/09800
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) ja (26) ja
- (30) 2000-347287 **14 Nov/nov 2000 JP (14.11.2000)**
- (30) 2001-36415 **14 Feb/fév 2001 JP (14.02.2001)**
- (30) 2001-150010 **18 May/mai 2001 JP (18.05.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOSITIONS FOR FORMING BONE OR PERIODONTIUM AND INJECTIONS FOR FORMING BONE OR PERIODONTIUM
- COMPOSITIONS STIMULANT LA FORMATION D'UN OS OU D'UN PARODONTE ET INJECTIONS POUR LA FORMATION D'UN OS OU D'UN PARODONTE
- (71) **OSTEOGENESIS CO., LTD.** [JP/JP]; Kobe Kokusai business center Bldg. 5-5-2, Minatojimmaminamimachi, Chuo-ku, Kobe-shi, Hyogo 650-0047 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **UEDA, Minoru** [JP/JP]; 2-415, Iwasakidai, Nissin-shi, Aichi 470-0135 (JP).
- (72, 75) **OKAZAKI, Yasuhiro** [JP/JP]; Panberuguran-yamateichibankan 1101, 3-4-1, Yamatedori, Showa-ku, Nagoya-shi, Aichi 466-0815 (JP). **HATA, Ken-ichiro** [JP/JP]; Sanbirejiitakura 102, 2-10-3, Itakura-cho, Kariya-shi, Aichi 448-0801 (JP). **YAMADA, Youichi** [JP/JP]; 356-7, Aza Nashinoki, Takeytoyo-cho, Chita-gun, Aichi 470-2309 (JP).
- (74) **KONISHI, Tomimasa** et al. / etc.; 7F, Marunouchi Estate Bldg., 2-17-12, Marunouchi, Naka-ku, Nagoya-shi, Aichi 460-0002 (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 27/20, 27/24, 27/50, 27/52**
- (11) **WO 02/40072** (13) A2
- (21) PCT/CA01/01622
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,227 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FILLER COMPOSITION FOR SOFT TISSUE AUGMENTATION AND RECONSTRUCTIVE SURGERY
- COMPOSITION DE REMPLISSAGE PERMETTANT L'AUGMENTATION DE VOLUME DES TISSUS MOUS ET LA CHIRURGIE RECONSTRUCTIVE
- (71) **BIO SYNTECH CANADA INC.** [CA/CA]; 475 Armand-Frappier Blvd., Laval, Québec H7V 4B3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DESROSIERS, Eric, André** [CA/CA]; 1209 Bernard Street, Apt. 10, Outremont, Québec H2V 1V7 (CA). **CHENITE, Abdelatif** [CA/CA]; 28 Bethune, Kirkland, Québec H9H 4H6 (CA). **CHAPUT, Cyril** [CA/CA]; 3333 Jean-Talon Street, Suite 316, Montréal, Québec H3R 2G1 (CA). **SHIVE, Matthew** [CA/CA]; 1245 St.Marc Street, Suite 6, Montréal, Québec H3H 2E6 (CA).
- (74) **OGILVY RENAULT** et al. / etc.; Suite 1600, 1981 McGill College Avenue, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 27/32, 27/06, 27/10, A61F 2/30, A61C 8/00**
- (11) **WO 02/40074** (13) A1
- (21) PCT/EP01/13364
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) PCT/EP00/11510 **20 Nov/nov 2000 EP (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ENDOSSEOUS IMPLANT
- IMPLANT INTRAOSSEUX
- (71) **UNIVERSITE DE GENEVE** [CH/CH]; 24, rue Général-Dufour, CH-1211 Genève 4 (CH). **ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE** [CH/CH]; CH-1015 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DESCOUTS, Pierre** [FR/FR]; Le Grand Pré bis, F-74160 Neydans (FR). **ARONSSON, Björn-Owe** [SE/CH]; Chemin de la Grande-Gorge 9, CH-1255 Veyrier (CH). **GRÄTZEL, Michael** [DE/CH]; Chemin du Marquisat 7A, CH-1025 St. Sulpice (CH). **VIORNERY, Carine** [FR/FR]; 19, rue Koenig, F-29660 Carantec (FR). **PECHY, Peter** [HU/CH]; Avenue Victor Ruffly 17, CH-1012 Lausanne (CH).
- (74) **BRAUN, André**; Braun & Partner, Reussstrasse 22, CH-4054 Basel (CH).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 27/32, 27/06, 27/10, A61F 2/30, A61C 8/00**
- (11) **WO 02/40073** (13) A1
- (21) PCT/EP00/11510
- (22) **20 Nov/nov 2000 (20.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ENDOSSEOUS IMPLANT
- IMPLANT INTRAOSSEUX
- (71) **UNIVERSITÉ DE GENÈVE** [CH/CH]; 24, rue du Général-Dufour, CH-1211 Genève (CH). **ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)** [CH/CH]; CH-1015 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)

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 SK (Utility
model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61L 27/32, 27/06, 27/10, A61F 2/30,
A61C 8/00**

(11) **WO 02/40075** (13) A1

(21) PCT/EP01/13365

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) PCT/EP00/11510 **20 Nov/nov 2000 EP
(20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **ENDOSSEOUS IMPLANT**

• **IMPLANT INTRAOSSEUX**

(71) **UNIVERSITÉ DE GENÈVE [CH/CH];**
24, rue du Général Dufour, CH-1211 Genève
4 (CH). **ECOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE [CH/CH];**
CH-1015 Lausanne (CH).

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

(72, 75) **DESCOUTS, Pierre [FR/FR];** Le Grand
Pré bis, F-74160 Neydans (FR). **ARONS-
SON, Björn-Owe [SE/CH];** Chemin de la
Grande-Gorge 9, CH-1255 Veyrier (CH).
GRÄTZEL, Michael [DE/CH]; 7a, chemin
du Marquisat, CH-1025 Saint-Sulpice (CH).
VIORNERY, Carine [FR/FR]; 19, rue
Koenig, F-29660 Carantec (FR). **PÉCHY,
Peter [HU/CH];** 17, avenue Victor Ruffly,
CH-1012 Lausanne (CH).

(74) **BRAUN, André;** Braun & Partner,
Reussstrasse 22, CH-4054 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ DE DK
(Utility model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID 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 SK (Utility
model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61L 27/38**

(11) **WO 02/40076** (13) A1

(21) PCT/DE01/03632

(22) **19 Sep/sep 2001 (19.09.2001)**

(25) de (26) de

(30) 100 58 240.0 **17 Nov/nov 2000 DE
(17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **METHOD AND DEVICE FOR PRO-
DUCING BIOLOGICAL PROSTHESES**

• **PROCEDE ET DISPOSITIF POUR PRO-
DUIRE DES PROTHESES BIOLO-
GIQUES**

(71) **AUTOTISSUE GMBH [DE/DE];** Hessische
Strasse 3-4, 10115 Berlin (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **KONERTZ, Wolfgang [DE/DE];**
Max-Eyth-Strasse 32, 14195 Berlin
(DE). **DOCHMEN, Pascal [DE/DE];**
Schamhorststrasse 28 B, 10115 Berlin (DE).

(74) **WABLAT, Wolfgang;** Postdamer Chaussee
48, 14129 Berlin (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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ **A61L 29/18, 31/18**

(11) **WO 02/40077** (13) A2

(21) PCT/US01/47120

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 09/713,064 **15 Nov/nov 2000 US
(15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **RADIOPAQUE SURGICAL IMPL-
MENT**

• **ACCESSOIRE CHIRURGICAL RADIO-
OPAQUE**

(71) **SCIMED LIFE SYSTEMS, INC. [US/US];**
One SciMed Place, Maple Grove, MN 55331-
1566 (US).

(72) **WEAVER, Timothy, J.;** 14905 Avenue NE,
Duvall, WA 98019 (US). **MRAZ, Dion;** 4005
80th Avenue SE, Mercer Island, WA 98040
(US).

(74) **STEINKRAUS, Walter;** Vidas, Arrett &
Steinkraus, 6109 Blue Circle Drive, Suite
2000, Minnetonka, MN 55343-9185 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.

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

(51)⁷ **A61M**

(11) **WO 02/40078** (13) A2

(21) PCT/US01/44140

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/712,563 **14 Nov/nov 2000 US
(14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **DEVICE FOR LOADING RADIOAC-
TIVE SEEDS**

• **DISPOSITIF D'INJECTION DE
GRAINS RADIOACTIFS**

(71) **MEDI-PHYSICS, INC. [US/US];** 3350
North Ridge Avenue, Arlington Heights, IL
60005 (US).

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

(72, 75) **REED, Jay, C. [US/US];** 1304 Bradley
Lane, Elk Grove Village, IL 60007 (US).
HELLE, Kevin, M. [US/US]; 249 Reming-
ton Drive, Bartlett, IL 60103 (US).

(74) **CHISHOLM, Robert, F.;** Amersham Bio-
sciences, 800 Centennial Avenue, Piscataway,
NJ 08855 (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 PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ **A61M**

(11) **WO 02/40079** (13) A2

(21) PCT/US01/45614

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) en (26) en

(30) 60/252,347 **20 Nov/nov 2000 US
(20.11.2000)**

(30) 09/840,194 **23 Apr/avr 2001 US
(23.04.2001)**

(30) 09/908,380 **18 Jul/juil 2001 US
(18.07.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **LARYNGEAL MASK AIRWAY**

• **VOIE AERIENNE DE MASQUE LA-
RYNGE**

(71) **EVERGREEN MEDICAL, INC. [US/US];**
9086 East Colorado Circle, Denver, CO
80231 (US).

(72) **CHRISTOPHER, Kent, L.;** 9086 East Col-
orado Circle, Denver, CO 80231 (US).

(74) **CARSON, W., Scott et al. / etc.;** Dorr, Car-
son, Sloan & Birney, P.C., 3010 E. 6th Av-
enue, Denver, CO 80206 (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 PH PL PT RO RU

- SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **A61M**
(11) **WO 02/40080** (13) A2
(21) PCT/US01/45834
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) 60/248,319 **14 Nov/nov 2000 US**
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● ELECTROMAGNETICALLY INDUCED
ANESTHESIA AND SENSORY STIMU-
LATION
● ANESTHESIE ET STIMULATION
SENSORIELLE INDUITES PAR DES
MOYENS ELECTROMAGNETIQUES
(71, 72) **MANNE, Joseph** [US/US]; 128 Saint
Mark's Place, New York, NY 10009 (US).
(74) **LUCAS, Donald**; Bierman, Muserlian and
Lucas, 600 Third Avenue, New York, NY
10016 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CO CR CU CZ DE DK DM 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 NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **A61M**
(11) **WO 02/40081** (13) A2
(21) PCT/US01/51202
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en
(30) 09/716,008 **17 Nov/nov 2000 US**
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● INTRAGASTRIC BALLOON DEVICE
ADAPTED TO BE REPEATEDLY VAR-
IED IN VOLUME WITHOUT EXTER-
NAL ASSISTANCE
● DISPOSITIF DE TYPE BALLONNET
INTRAGASTRIQUE CONÇU POUR
VOIR VARIER SON VOLUME DE FA-
ÇON ITERATIVE SANS ASSISTANCE
EXTERIEURE
(63) US 09/716,008 (CIP)
17 Nov/nov 2000 (17.11.2000)
(71) **SYNTHON, LLC** [US/US]; 8210 N.W.
27th Street, Miami, FL 33122 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **BALES, Thomas, O.** [—/US]; 9151
Arvida Lane, Coral Gables, FL 33156 (US).
SMITH, Kevin, W. [—/US]; 570 Arvida
Parkway, Coral Gables, FL 33156 (US).
- (74) **GORDON, David, P.** et al. / etc.; 65 Woods
End Road, Stamford, CT 06905 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CO CR CU CZ DE DK 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 MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **A61M 5/00**
(11) **WO 02/40082** (13) A2
(21) PCT/US01/50009
(22) **7 Nov/nov 2001 (07.11.2001)**
(25) en (26) en
(30) 60/248,408 **14 Nov/nov 2000 US**
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● PROTECTIVE SLEEVE FOR A REMOV-
ABLE TIP SYRINGE
● MANCHON DE PROTECTION POUR
SERINGUE A BOUT AMOVIBLE
(71) **DENTSPLY INTERNATIONAL INC.**
[US/US]; 570 West College Avenue, P.O.
Box 872, York, PA 17405-0872 (US).
(72) **NESBITT, Lanny**; 257 Julia Avenue, Stras-
burg, PA 17579 (US).
(74) **HURA, Douglas, J.** et al. / etc.; Dentsply
Internaitonal Inc., 570 West College Avenue,
P.O. Box 872, York, PA 17404-0872 (US).
(81) CA.
-
- (51)⁷ **A61M 5/00**
(11) **WO 02/40083** (13) A2
(21) PCT/US01/51285
(22) **9 Nov/nov 2001 (09.11.2001)**
(25) en (26) en
(30) 60/247,598 **9 Nov/nov 2000 US**
(09.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● TRANSCUTANEOUS DELIVERY
MEANS
● MOYENS D'ADMINISTRATION
TRANSCUTANEE
(71) **INSULET CORPORATION** [US/US]; 100
Cummings Center, Suite 239G, Beverly, MA
01915-6120 (US).
(72) **FLAHERTY, J., Christopher**; 242 Ipswich
Road, Topsfield, MA 01983 (US). **GARI-
BOTTO, John, T.**; 29 Winthrop Street,
Charlestown, MA 02129 (US).
(74) **LAPPIN, Mark, G.** et al. / etc.; McDermott,
Will & Emery, 28 State Street, Boston, MA
02109-1775 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **A61M 5/168**
(11) **WO 02/40084** (13) A2
(21) PCT/US01/42969
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 09/717,437 **20 Nov/nov 2000 US**
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● APPARATUS AND METHOD FOR
MEASURING DROP SIZE IN AN IN-
TRAVENOUS DRIP CHAMBER
● APPAREIL ET PROCEDE DE MESURE
DE LA TAILLE DES GOUTTES DANS
UNE CHAMBRE COMPTE-GOUTTES
INTRAVEINEUSE
(71) **ALARIS MEDICAL SYSTEMS, INC.**
[US/US]; 10221 Wateridge Circle, Building
A., San Diego, CA 92121 (US).
(72) **BROWN, Houston**; 12901 Solera Way,
Poway, CA 92562 (US). **BARNES, William,
C.**; 39100 Vista del Bosque, Murietta, CA
92562 (US).
(74) **RUNK, Thomas, A.** 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
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 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ **A61M 15/00**
(11) **WO 02/40085** (13) A2
(21) PCT/EP01/11996
(22) **17 Oct/oct 2001 (17.10.2001)**
(25) en (26) en
(30) MI2000A002492 **20 Nov/nov 2000 IT**
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● NEBULIZING CHAMBER FOR
AEROSOL THERAPY
● CHAMBRE DE NEBULISATION POUR
AEROSOLTHERAPIE
(71) **MED 2000 S.P.A.** [IT/IT]; Via Dell'Arti-
gianato, 23/25, 25080 Padenghe Sul Garda
(Brescia) (IT).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **FRACCAROLI, Nicola** [IT/IT]; Via
Durighello, 12/A, I-25015 Desenzano Del
Garda (Brescia) (IT).

- (74) **GIAMBROCONO, Alfonso** et al. / etc.; Ing. A. Giambrocono & C. S.R.L., Via Rosolino Pilo, 19/B, I-20129 Milan (IT).
- (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 (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) ES FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/40086** (13) A2
(21) PCT/US01/43761
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/249,064 **15 Nov/nov 2000 US (15.11.2000)**
(30) 09/866,888 **29 May/mai 2001 US (29.05.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • OXYGEN SUPPLY MASK WITH INCOMPLETE HEADBAND
• MASQUE D'ALIMENTATION EN OXYGENE AVEC BANDEAU SERRE-TETE PARTIEL
- (71) **DEKA PRODUCTS LIMITED PARTNERSHIP** [US/US]; 340 Commercial Street, Manchester, NH 03101 (US).
- (72) **DEMERS, Jason, A.**; 387 North Bay Street, Manchester, NH 03104 (US). **MCGILL, David**; 29 West Drive, Bedford, NH 03110 (US). **TRACEY, Brian, Daniel**; 151 Talent Road, Litchfield, NH 03052 (US).
- (74) **PETUCHOWSKI, Samuel, J.** 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61M 25/00, 5/00**
- (11) **WO 02/40087** (13) A1
(21) PCT/US01/23637
(22) **27 Jul/juil 2001 (27.07.2001)**
(25) en (26) en
- (30) 09/714,041 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DETECTABLE HEAVY DUTY NEEDLE
• AIGUILLE TRES RESISTANTE POUVANT ETRE DETECTEE
- (71) **IDEAL INSTRUMENTS, INC.** [US/US]; 9355 W. Byron Street, Schiller Park, IL 60176 (US).
- (72) **PRINDLE, Gordon, E.**; 105 Eleventh Avenue, Bartlett, IL 60103 (US).
- (74) **MCLEOD, Ian, C.**; McLeod & Moyne, P.C., 2190 Commons Parkway, Okemos, MI 48864 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/40088** (13) A2
(21) PCT/US01/43295
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 60/252,003 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CONNECTOR AND GUIDEWIRE CONNECTABLE THERETO
• CONNECTEUR ET FIL DE GUIDAGE POUVANT Y ETRE CONNECTE
- (71) **SURGI-VISION, INC.** [US/US]; Suite 2000, 20 Firstfield Road, Gaithersburg, MD 20878 (US).
- (72) **LEE, Chris**; 615 North Street, Tewksbury, MA 01876 (US). **MCNAMARA, Christine Enger**; 67 High Street, Chelmsford, MA 01824 (US). **VIOHL, Ingmar**; x (US).
- (74) **KAMHOLZ, E., Scott** et al. / etc.; Patent Group, Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109-2170 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/40089** (13) A2
(21) PCT/US01/45525
- (22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 09/716,738 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ENERGY DIRECTION MARKERS
• MARQUEURS DE DIRECTION D'ENERGIE
- (71) **CARDIOFOCUS, INC.** [US/US]; 10 Commerce Way, Norton, MA 02766 (US).
- (72) **MCINTYRE, Jon**; 429 Waltham Street, Newton, MA 02465 (US). **FARR, Norman**; 35 Beach Street, Monument Beach, MA 02553 (US).
- (74) **THIBODEAU, David, J.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61M 29/00, A61B 17/22**
- (11) **WO 02/40090** (13) A1
(21) PCT/US01/45697
(22) **1 Nov/nov 2001 (01.11.2001)**
(25) en (26) en
(30) 09/703,887 **1 Nov/nov 2000 US (01.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DISTAL PROTECTION AND DELIVERY SYSTEM AND METHOD
• PROCEDE ET SYSTEME DE PROTECTION DISTALE ET D'APPORT
- (71, 72) **THIELEN, Joseph, M.** [US/US]; 3027 Cameron Ave. S.E., Buffalo, MN 55313 (US).
- (81) AU CA JP MX NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **A61N**
- (11) **WO 02/40091** (13) A2
(21) PCT/US01/43549
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/713,161 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A NOVEL FABRIC-BASED SENSOR FOR MONITORING VITAL SIGNS
• NOUVEAU CAPTEUR A BASE DE TISSU PERMETTANT DE CONTROLER DES SIGNES VITAUX

- (63) US 09/713,161 (CON)
14 Nov/nov 2000 (14.11.2000)
US 09/156,607 (CIP)
21 Sep/sep 1998 (21.09.1998)
US 09/273,175 (CIP)
19 Mar/mar 1999 (19.03.1999)
- (71) **GEORGIA TECH RESEARCH CORPORATION** [US/US]; 505 Tenth Street, N.W., Atlanta, GA 30332 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JAYARAMAN, Sundaresan** [US/US]; 2125 Castleway Drive, N.E., Atlanta, GA 30345 (US). **PARK, Sungmee** [US/US]; 3825 Lavista Road, Apt. No.Z-3, Tucker, GA 30084 (US).
- (74) **DEVEAU, Todd**; Troutman Sanders LLP, 600 Peachtree Street N.E., Atlanta, GA 30308 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61N**
(11) **WO 02/40092** (13) A2
(21) PCT/US01/45689
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,080 **14 Nov/nov 2000 (14.11.2000)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● **DIRECTIONAL ENERGY EMITTING IMPLANT**
● **IMPLANT EMETTEUR D'ENERGIE DIRECTIONNELLE**
- (71, 72) **APPLE, Marc, G.** [US/US]; 1606 Sycamore Hills Drive, Fort Wayne, IN 46804 (US). **APPLE, Melvin, J.** [US/US]; 2553 N.W. 52nd Street, Boca Raton, FL 33496 (US).
- (74) **BLACK, Gerald, R.**; 30590 Southfield Road, #160, Southfield, MI 48076 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61N 1/00**
(11) **WO 02/40093** (13) A2
(21) PCT/GB01/05065
- (22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 0028121.2 **17 Nov/nov 2000 (17.11.2000)** GB
(30) 0105643.1 **7 Mar/mar 2001 (07.03.2001)** GB
(30) 60/279,812 **29 Mar/mar 2001 (29.03.2001)** US
(30) 0120582.2 **23 Aug/août 2001 (23.08.2001)** GB
(30) 60/322,388 **14 Sep/sep 2001 (14.09.2001)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● **ULTRASOUND THERAPY**
● **THERAPIE A ULTRASONS**
- (71) **GENDEL LIMITED** [GB/GB]; Science Business Incubator Unit, Cromore Road, Coleraine, County Londonderry BT52 1RF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CRAIG, Roger, Kingdon** [GB/GB]; Gendel Limited, Science Business Incubator Unit, Cromore Road, Coleraine, County Londonderry BT52 1RF (GB). **MICHALE, Anthony, Patrick** [IE/GB]; Gendel Limited, Science Business Incubator Unit, Cromore Road, Coleraine, County Londonderry BT52 1RF (GB). **ROLLAN-HARO, Ana, Maria** [ES/GB]; Gendel Limited, Science Business Incubator Unit, Cromore Road, Coleraine, County Londonderry BT52 1RF (GB).
- (74) **KHOO, Chong-Yee** et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement
-
- (51)⁷ **A61N 1/00**
(11) **WO 02/40094** (13) A2
(21) PCT/US01/45763
(22) **26 Oct/oct 2001 (26.10.2001)**
(25) en (26) en
(30) 09/703,269 **31 Oct/oct 2000 (31.10.2000)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● **CURVATURE-BASED FEATURE SELECTION FOR ELECTROPHYSIOLOGIC SIGNALS**
● **SELECTION DE CARACTERISTIQUES DE SIGNAUX ELECTROPHYSIOLOGIQUES BASEE SUR DES COURBES**
- (71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).
- (72) **SWEENEY, Robert, J.**; 7853 Cobblestone Road, Woodbury, MN 55125 (US).
- LOVETT, Eric, G.**; 1080 Lovell Avenue, Roseville, MN 55113 (US).
- (74) **VIKSINIS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61N 1/36, 1/05**
(11) **WO 02/40095** (13) A1
(21) PCT/CA00/01374
(22) **16 Nov/nov 2000 (16.11.2000)**
(25) en (26) en
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● **BODY ELECTRONIC IMPLANT AND ARTIFICIAL VISION SYSTEM THEREOF**
● **IMPLANT ELECTRONIQUE DE CORPS ET SYSTEME DE VISION ARTIFICIELLE POUR CE DERNIER**
- (71) **POLYVALOR S.E.C.** [CA/CA]; 3744, rue Jean-Brillant, Bureau 6332, Montréal, Québec H3T 1P1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAWAN, Mohamad** [CA/CA]; 597 Bord-de-l'Eau, Laval, Québec H7X 1T9 (CA). **HARVEY, Jean-François** [CA/CA]; 19 de Vaudreuil, Blainville, Québec J7C 4A8 (CA). **ROY, Martin** [CA/CA]; 4378 Parthenais, Montréal, Québec H2H 2G5 (CA). **COULOMBE, Jonathan** [CA/CA]; 7808 Henri-Julien, Montréal, Québec H2R 2B7 (CA). **SAVARIA, Yvon** [CA/CA]; 2705 Charny, Montréal, Québec H3M 1J6 (CA). **DONFACK, Colince** [CA/CA]; 90 Woodridge Crescent, Apt. 218, Nepean, Ontario K2B 7T1 (CA).
- (74) **ROBIC**; 55 St-Jacques, Montréal, Québec H2Y 3X2 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61N 1/365**
(11) **WO 02/40096** (13) A1
(21) PCT/US00/32966
(22) **5 Dec/déc 2000 (05.12.2000)**

- (25) en (26) en
- (30) 09/715,637 **17 Nov/nov 2000** US
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR MONITORING HEART RATE AND ABNORMAL RESPIRATION
• PROCEDE ET APPAREIL DE SURVEILLANCE DE DEBIT CARDIAQUE ET DE RESPIRATION ANORMALE
- (71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway Northeast, Minneapolis, MN 55432 (US).
- (72) **JENSEN, Donald, N.**; 1964 North Fairview Avenue, Roseville, MN 55113 (US). **RUETZ, Linda, L.**; 1159 Highview Drive, New Brighton, MN 55112 (US). **CONDIE, Catherine, R.**; 4187 Reiland Lane, Shoreview, MN 55126 (US). **CHO, Yong, Kyun.**; 11849 65th Avenue North, Maple Grove, MN 55369 (US). **STROBEL, Ulla.**; Steulistrasse 75, CH-8032 Zurich (CH).
- (74) **MCMAHON, Beth, L.** et al. / etc.; Medtronic, Inc. MS 301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).
- (81) CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **A61N 1/368**
- (11) **WO 02/40097** (13) A1
- (21) PCT/SE01/02548
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 0004240-8 **17 Nov/nov 2000** SE
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A CARDIAC STIMULATING DEVICE
• APPAREIL DE STIMULATION CARDIAQUE
- (71) **ST. JUDE MEDICAL AB** [SE/SE]; S-175 84 Järfälla (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HÖLJER, Carl, Johan** [SE/SE]; Mossavägen 10, S-247 32 Lund (SE). **SCHÜLLER, Hans** [SE/SE]; Jullovsvägen 25, S-224 67 Lund (SE).
- (74) **ST. JUDE MEDICAL AB**; Patent Department, S-175 84 Järfälla (SE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **A61N 5/06, A61H 39/00**
- (11) **WO 02/40098** (13) A1
- (21) PCT/EP01/08504
- (22) **24 Jul/juil 2001 (24.07.2001)**
- (25) de (26) de
- (30) 200 19 703.7 **20 Nov/nov 2000** DE
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE FOR PERFORMING ACUPUNCTURE USING LASER RADIATION
- DISPOSITIF D'ACUPUNCTURE PAR RAYONNEMENT LASER
- (71, 72) **SCHIKORA, Detlef** [DE/DE]; Hinter der Pumpe 6, 37697 Lauenförde (DE).
- (74) **LORENZ, Werner**; Fasanenstrasse 7, 89522 Heidenheim (DE).
- (81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE 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 PL RO RU SD SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **A61N 7/00**
- (11) **WO 02/40099** (13) A2
- (21) PCT/US01/49465
- (22) **25 Oct/oct 2001 (25.10.2001)**
- (25) en (26) en
- (30) 60/242,994 **25 Oct/oct 2000** US
(**25.10.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • TRANSDUCER MOUNTING ASSEMBLY
• ENSEMBLE DE MONTAGE DE TRANSDUCTEUR
- (71) **EXOGEN, INC.** [US/US]; P.O. Box 6860, 10 Constitution Avenue, Piscataway, NJ 08855 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TALISH, Roger, J.** [US/US]; 5 Harman Court, Hillsborough, NJ 08876 (US). **URGOVICH, Kenneth, J.** [US/US]; Piscataway, NJ (US). **KROMPASICK, Donald, E.** [US/US]; Piscataway, NJ (US). **JAMES, Anthony** [US/US]; Memphis, TN (US). **RANKHORN, Wayne** [US/US]; Memphis, TN (US).
- (74) **PRATT, John, S.**; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A62C 37/14**
- (11) **WO 02/40100** (13) A2
- (21) PCT/DE01/04193
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) de (26) de
- (30) 100 56 779.7 **16 Nov/nov 2000** DE
(**16.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • GLASS-TUBE SENSOR FOR SPRINKLER SYSTEMS
• CAPTEUR A RECIPIENT DE VERRE DESTINE A UN SYSTEME DE GICLEURS
- (71, 72) **KRETZSCHMAR, Axel** [DE/DE]; Neinstedter Strasse 10b, 39118 Magdeburg (DE).
- (74) **HEYNER, Klaus**; Mittelweg 1h, 01728 Bannewitz (DE).
- (81) CA NO US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **A62C 37/14**
- (11) **WO 02/40101** (13) A1
- (21) PCT/DE01/04194
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) de (26) de
- (30) 100 56 778.9 **16 Nov/nov 2000** DE
(**16.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FIRE PROTECTION UNIT WITH GLASS VESSEL SENSORS
• INSTALLATION DE LUTTE CONTRE L'INCENDIE EQUIPEE DE DETECTEURS A RECIPIENTS EN VERRE
- (71, 72) **KRETZSCHMAR, Axel** [DE/DE]; Neinstedter Strasse 10b, 39118 Magdeburg (DE).
- (74) **HEYNER, Klaus**; Mittelweg 1h, 01728 Bannewitz (DE).
- (81) CA NO US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **A62D 1/00**
- (11) **WO 02/40102** (13) A2
- (21) PCT/US01/44256
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/249,684 **17 Nov/nov 2000** US
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FIRE EXTINGUISHING METHODS UTILIZING HYDROFLUOROETHERS
• PROCEDES D'EXTINCTION UTILISANT DES HYDROFLUOROETHERS
- (71) **PCBU SERVICES, INC.** [US/US]; Suite 1269, 300 Delaware Avenue, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROBIN, Mark, L.** [US/US]; 5415 Hillside Lane, West Lafayette, IN 47906 (US).
- (74) **ANDERSON, Richard, A.**; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A62D 3/00**
- (11) **WO 02/40103** (13) A1
- (21) PCT/EP01/12755
- (22) **3 Nov/nov 2001 (03.11.2001)**
- (25) de (26) de
- (30) 100 56 722.3 **15 Nov/nov 2000 DE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD FOR RENDERING INERT DUST RESIDUE CONTAINING SILICON METAL**
- **PROCEDE D'INERTISATION DE RESIDUS POUSSIÈREUX A TENEUR EN METAL DE SILICIUM**
- (71) **SOLARWORLD AKTIENGESELLSCHAFT** [DE/DE]; Kurt-Schumacher-Strasse 8-9, 53113 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WERKMEISTER, Jörg** [DE/DE]; Friedmar-Brendel-Weg 6, 09599 Freiberg (DE). **WEBER, Rainer** [DE/DE]; Forststrasse 15a, 51519 Odenthal (DE).
- (74) **RAU, Albrecht**; Patentanwälte, Rau, Schneck & Hübner, Königstr. 2, 90402 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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A63B**
- (11) **WO 02/40104** (13) A2
- (21) PCT/CA01/01593
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 2,325,845 **14 Nov/nov 2000 CA (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **EXERCISING DEVICE FOR CONDITIONING THE BODY**
- **DISPOSITIF D'EXERCICE PHYSIQUE POUR MUSCLER LE CORPS**
- (71) **MIX PROMOTIONS INC.** [CA/CA]; 1650, Cunard, Laval, Québec H7S 2B2 (CA).
- (72) **MERCIER, Pierre**; 125 Les Pins, Laval Sur le Lac, Québec H9R 1C9 (CA).
- (74) **ROBIC**; 55 St-Jacques, Montreal, Quebec H2Y 3X2 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
- (11) **WO 02/40105** (13) A2
- (21) PCT/US01/43738
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/716,572 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **EXERCISE EQUIPMENT**
- **APPAREIL DE MUSCULATION**
- (71) **TOTAL TIGER, INC.** [US/US]; 12910 Culver Boulevard, Suite G., Los Angeles, CA 90066 (US).
- (72) **RICHMOND, David, J.**; 2826 Medill Place, Los Angeles, CA 90064 (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 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 TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 6/00**
- (11) **WO 02/40106** (13) A1
- (21) PCT/FR01/03521
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) fr (26) fr
- (30) 00/14971 **20 Nov/nov 2000 FR (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **GOALPOST FOR SPORT PRACTICE**
- **BUT SERVANT A LA PRATIQUE DU SPORT**
- (71, 72) **DUSSAULE, Ludovic** [FR/FR]; 14, Avenue Louis Georgeen, F-94230 Cachan (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A63B 23/03, 21/02**
- (11) **WO 02/40108** (13) A2
- (21) PCT/DE01/04235
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) de (26) de
- (30) 100 56 503.4 **15 Nov/nov 2000 DE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **DEVICE FOR REMOVING WRINKLES**
- **DISPOSITIF SERVANT A FAIRE DISPARAITRE LES RIDES**
- (71, 72) **LICHTL, Linda** [DE/DE]; Carl v. Linde Strasse 1, 85716 Unterschleißheim (DE).
- (74) **NEIDL-STIPPLER, Cornelia, E.**; Rauchstrasse 2, 81679 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63B 49/02

(11) WO 02/40109 (13) A1

(21) PCT/US01/45537

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 09/715,762 17 Nov/nov 2000 US (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SPORTS RACKET HAVING A UNIFORM STRING STRUCTURE
• RAQUETTE DE SPORT A STRUCTURE UNIFORME DE CORDES

(71, 72) BRANDT, Richard, A. [US/US]; 69 Fifth Avenue, Apartment 16A, New York, NY 10003 (US).

(74) WALDBAUM, Maxim, H.; Salans Hertzfeld heilbronn Christy & Viener, 620 Fifth Avenue, New York, NY 10020 (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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 53/04

(11) WO 02/40110 (13) A1

(21) PCT/RU00/00476

(22) 23 Nov/nov 2000 (23.11.2000)

(25) ru (26) ru

(30) 2000128731 17 Nov/nov 2000 RU (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • GOLF-STICK HEAD
• TETE DE CLUB DE GOLF

(71) OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIJU "KRONOS" [RU/RU]; Olimpijskiy prospekt, 30, Moscow, 129110 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LENOVA, Nikolai Nikolaevich [RU/RU]; Leninsky prospekt, 74-29, Moscow, 117261 (RU).
POPOV, Anatoli Anatolyevich

[RU/RU]; ul. Solnechnaya, 11-47, Balashikha, Moskovskaya obl., 143900 (RU).
BANNIKOV, Viktor Vladimirovich [RU/RU]; ul. Pechatnikov, 18, pos. Bolshovo, Korolev, Moskovskaya obl., 141065 (RU).
MAXIMOV, Vladimir Vasilyevich [RU/RU]; ul. Ostryakova, 6-50, Moscow, 125057 (RU).

(74) KOURZEL, Iosif Antonovich; ul. Butlerova, 4-2-33, Moscow, 117485 (RU).

(81) CA CN JP MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ A63B 63/00, 69/36

(11) WO 02/40111 (13) A1

(21) PCT/GB01/05098

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 0028101.4 17 Nov/nov 2000 GB (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • BALL COLLECTION ARRANGEMENT
• DISPOSITIF DE COLLECTE DE BALLE

(71) WORLD GOLF SYSTEMS LIMITED [GB/GB]; Axis 4 Rhodes Way, Watford, Herts, WD24 4YW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THIRKETTLE, John, Scott [GB/GB]; The Red House, 18 Station Road, Long Marston, Hertfordshire HP23 4QS (GB).
JOLLIFFE, David, Victor [GB/GB]; World Golf Systems Ltd, Top Golf Game Centre, Bushey Mill Lane, Watford WD24 7AB (GB).

(74) POWELL, Stephen, David; Williams, Powell & Associates, 4 St. Paul's Churchyard, London EC4M 8AY (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 69/06

(11) WO 02/40112 (13) A1

(21) PCT/AU01/01421

(22) 7 Nov/nov 2001 (07.11.2001)

(25) en (26) en

(30) PR 1482 14 Nov/nov 2000 AU (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND SOFTWARE FOR DETERMINING ROW BOAT RIGGING SETTINGS

• PROCEDE ET LOGICIEL PERMETTANT DE DETERMINER LES PARAMETRES D'HAUBANAGE D'UN BATEAU A RAMES

(71, 72) GREEN, David, Alistair [AU/AU]; 6 Orion Avenue, Eatons Hill, QLD 4037 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63B 71/00

(11) WO 02/40113 (13) A2

(21) PCT/DK01/00766

(22) 16 Nov/nov 2001 (16.11.2001)

(25) da (26) en

(30) PA 2000 01716 16 Nov/nov 2000 DK (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD OF DETERMINING PRESSURE INDEX
• PROCEDE SERVANT A DETERMINER UN INDICE DE PRESSION

(71) JM KONSULENTFIRMA [DK/DK]; Goldschmidtsvænget 9D, DK-5230 Odense M (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELVANG, Jens [DK/FR]; 44, bvd. Henri Sappia, Les Phillipines, La Naga, FR-06100 Nice (FR).

(74) HOFMAN-BANG ZACCO A/S; Aaboulevarden 17, DK-8000 Aarhus C (DK).

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

(51)⁷ A63C

(11) WO 02/40114 (13) A2

(21) PCT/US01/45030

(22) 17 Nov/nov 2001 (17.11.2001)

(25) en (26) en

(30) 09/715,503 18 Nov/nov 2000 US (18.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • RECREATIONAL EXERCISE DEVICE FOR SIMULATION OF SNOW BOARD ACTION ON SNOWLESS SURFACES

- DISPOSITIF D'EXERCICE RECREATIF POUVANT SIMULER UNE ACTION DE PLANCHE A NEIGE SUR DES SURFACES SANS NEIGE

(71, 72) **LIN, Jack** [US/US]; 96 Fifth Avenue, Apt. 15E, New York City, NY 10011 (US).

(74) **CHIATALAS, John, L.**; P.O. Box 8, Schooley's Mountain, NJ 07870-0008 (US).

(81) AU CA CN FI JP KR MX SE SG US.

Declaration / Déclaration :

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(51)⁷ **A63C 5/06**

(11) **WO 02/40115** (13) A1

(21) PCT/CH01/00662

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) fr (26) fr

(30) 2260/00 **17 Nov/nov 2000 (17.11.2000)** CH

(43) 23 May/mai 2002 (23.05.2002)

(54) • SKI AND SNOW BOARD WITH VARIABLE RADIAL GEOMETRY

- SKI ET SNOWBOARD A GEOMETRIE RADIALE VARIABLE

(71) **SCOTT SPORTS SA** [CH/CH]; Route du Crochet 17, 1762 Givisiez (CH).

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

(72, 75) **DONZE, Claude** [CH/CH]; Chalet Sany, CH-3967 Vercorin (CH).

(74) **BOVARD SA**; Ingénieurs-Conseils, Optingenstrasse 16, 3000 Berne 25 (CH).

(81) CN JP SI US.

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(51)⁷ **A63C 17/01**

(11) **WO 02/40116** (13) A1

(21) PCT/KR00/01442

(22) **13 Dec/déc 2000 (13.12.2000)**

(25) en (26) en

(30) 2000/32304 U **18 Nov/nov 2000 (18.11.2000)** KR

(43) 23 May/mai 2002 (23.05.2002)

(54) • ROLLERBOARD FOR ROAD-SKIING

- PLANCHE A ROULETTES POUR SKIER SUR LA ROUTE

(71, 72) **CHA, Ki-Young** [KR/KR]; 392-22 Galhyun 1-dong, Eyunpyung-gu, Seoul 122-051 (KR). **KIM, Sang-Nyun** [KR/KR]; 3-1301 Jinghung Apt., 1315 Seocho-dong, Seocho-gu, Seoul 137-070 (KR).

(74) **MOON, Chang-Hoa**; Moon & Sun Patent Law Firm, Daegone Building, 2nd Floor, 822-5 Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AU CA CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A63D 5/00**

(11) **WO 02/40117** (13) A1

(21) PCT/FI01/00981

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) fi (26) en

(30) 20002489 **14 Nov/nov 2000 (14.11.2000)** FI

(43) 23 May/mai 2002 (23.05.2002)

(54) • OBSTACLE ON A BOWLING LANE

- OBSTACLE POUR PISTE DE BOWLING

(71) **SYSTEM-300 GROUP OY** [FI/FI]; Osuusmyllynkatu 5, FIN-33700 Tampere (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUOPPA, Pentti** [FI/FI]; Suurikkalantie 90, FIN-37800 Toijala (FI). **SIEVÄNEN, Mikko** [FI/FI]; Yli-Huikkaantie 47, FIN-33560 Tampere (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A63F 3/00, G07F 17/32**

(11) **WO 02/40118** (13) A1

(21) PCT/NL01/00828

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) nl (26) en

(30) 1016623 **16 Nov/nov 2000 (16.11.2000)** NL

(30) 1018631 **25 Jul/juil 2001 (25.07.2001)** NL

(43) 23 May/mai 2002 (23.05.2002)

(54) • CASINO TABLE DEVICE WITH AUTOMATED PROGRESSIVE JACKPOT

- DISPOSITIF DE TABLE DE CASINO A CAGNOTTE PROGRESSIVE AUTOMATISEE

(71) **PRO-INTRO B.V.** [NL/NL]; Grevelingenhout 126, NL-4311 Bruinisse (NL).

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

(72, 75) **GOOSSENS, Wilhelmus, Johannes** [NL/NL]; Grevelingenhout 126, NL-4311 NL Bruinisse (NL). **VAN ONLANGS, Ronald, Jan, Hendrik** [NL/NL]; Ringvaartweg 192, NL-3065 AG Rotterdam (NL). **NIJHUIS, Seward, Albert** [NL/NL]; Iepaan 67, NL-2282 CW Rijswijk (NL).

(74) **RIEMENS, R., H.**; Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A63F 3/04**

(11) **WO 02/40119** (13) A1

(21) PCT/CA01/01610

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 2,326,242 **16 Nov/nov 2000 (16.11.2000)** CA

(43) 23 May/mai 2002 (23.05.2002)

(54) • A WORD GAME AND APPARATUS FOR PLAYING SAME

- JEU DE VOCABULAIRE ET APPAREIL PERMETTANT DE JOUER A CE JEU

(71) **PRODLJEUX INC.** [CA/CA]; 1751 Richardson Street, #5507, Montreal, Québec H3K 1G6 (CA).

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

(72, 75) **CHARPENTIER, Rodolphe** [CA/CA]; 5024 de l'esplanade, Montreal, Québec H2T 2Z1 (CA).

(74) **MBM & CO.**; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

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(51)⁷ **A63F 13/00**

(11) **WO 02/40120** (13) A2

(21) PCT/US01/44148

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/716,853 **14 Nov/nov 2000 (14.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR SIMULTANEOUS PARTICIPATION IN AN ON-LINE FORUM

- SYSTEME ET PROCEDURE DE PARTICIPATION SIMULTANEE A UN FORUM EN LIGNE

- (71) **NETAMIN COMMUNICATION CORPORATION** [US/US]; Suite 120, 20955 Pathfinder Road, Diamond Bar, CA 91765 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WANG, Andy** [US/US]; Suite 120, 20955 Pathfinder Road, Diamond Bar, CA 91765 (US).
- (74) **WIGHT, Todd, W.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 21/04, 21/10, 7/00**
- (11) **WO 02/40121** (13) A1
- (21) PCT/RU00/00466
- (22) **14 Nov/nov 2000 (14.11.2000)**
- (25) ru (26) ru
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **A BIG DIPPER**
● MONTAGNES RUSSES
- (71, 72) **GNEZDILOV, Vladimir Alexeevich** [RU/RU]; ul. Moldavskaya, 8-81, Moscow, 121467 (RU).
- (81) CA MX US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A63H**
- (11) **WO 02/40122** (13) A2
- (21) PCT/US01/46089
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) en (26) en
- (30) 60/242,595 **23 Oct/oct 2000 (23.10.2000)** US
- (30) 60/242,974 **24 Oct/oct 2000 (24.10.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **FLUID DISPENSER HAVING A RIGID VIAL AND FLEXIBLE INNER BLADDER**
● **DISTRIBUTEUR DE LIQUIDE A FLACON RIGIDE ET A VESSIE INTERIEURE SOUPLE**
- (71) **PY PATENT, INC.** [US/US]; 419 West Avenue, Stamford, CT 06902 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PY, Daniel** [US/US]; 8 Normandy Road, Larchmont, NY 10538 (US). **TING, Joseph, M.** [US/US]; 236 Middlebrook Drive, Fairfield, CT 06430 (US).
- (74) **GIARRATANA, Mark, D.** et al. / etc.; Cummings & Lockwood, Granite Square, 700 State Street, P.O. Box 1960, New Haven, CT 06509-1960 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **A63H 18/00**
- (11) **WO 02/40123** (13) A1
- (21) PCT/DE01/04227
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) de (26) de
- (30) 200 19 551.4 **17 Nov/nov 2000 (17.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **LAP-COUNTER FOR TOY CAR RACE-TRACKS**
● **COMPTEUR DE TOURS POUR CIRCUITS DE COURSE DE VEHICULES-JOUETS**
- (71) **STS RACING GMBH** [DE/DE]; Südwestpark 94, 90449 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MALEIKA, Hubertus** [DE/DE]; Rebhuhnweg 12, 90513 Zirndorf (DE).
- (74) **ZEITLER, Giseler**; Zeitler, Dickel, Kandlbinder, Herrnstrasse 15, 80539 München (DE).
- (81) CA NO US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **A63H 27/08**
- (11) **WO 02/40124** (13) A1
- (21) PCT/US01/43532
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,844 **16 Nov/nov 2000 (16.11.2000)** US
- (30) 60/283,048 **11 Apr/avr 2001 (11.04.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **KITE CONTROL SYSTEMS**
● **SYSTEMES DE COMMANDE POUR AILES D'AEROTRACTION (CERF VOLANT)**
- (71, 72) **BELLACERA, John, D.** [US/US]; P.O. Box 859, White Salmon, WA 98672 (US).
- (74) **ABNEY, James, R.** et al. / etc.; Kolisch, Hartwell, Dickinson, McCormack & Heuser, 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).
- (81) CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **B01D**
- (11) **WO 02/40125** (13) A2
- (21) PCT/IL01/01034
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) en (26) en
- (30) 139659 **14 Nov/nov 2000 (14.11.2000)** IL
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **FRESH WATER COLLECTION SYSTEM**
● **SYSTEME DE COLLECTE D'EAU DOUCE**
- (71, 72) **GLOZMAN, Vladimir** [IL/IL]; Givon Hachadasha 114, 90901 D.N. North Yehuda (IL).
- (74) **JEREMY M. BEN-DAVID & CO. LTD.**; Har Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 Jerusalem (IL).
- (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01D**
- (11) **WO 02/40126** (13) A2
- (21) PCT/US01/30743
- (22) **1 Oct/oct 2001 (01.10.2001)**
- (25) en (26) en
- (30) 60/237,409 **2 Oct/oct 2000 (02.10.2000)** US
- (30) 60/247,173 **10 Nov/nov 2000 (10.11.2000)** US
- (30) 60/247,172 **10 Nov/nov 2000 (10.11.2000)** US
- (30) 60/247,275 **10 Nov/nov 2000 (10.11.2000)** US
- (30) 60/247,166 **10 Nov/nov 2000 (10.11.2000)** US
- (30) 60/247,167 **10 Nov/nov 2000 (10.11.2000)** US
- (30) 60/263,971 **24 Jan/jan 2001 (24.01.2001)** US
- (30) 60/269,244 **15 Feb/fév 2001 (15.02.2001)** US
- (30) 60/300,319 **21 Jun/juin 2001 (21.06.2001)** US
- (30) 60/300,350 **21 Jun/juin 2001 (21.06.2001)** US
- (30) 60/301,394 **27 Jun/juin 2001 (27.06.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHODS FOR IDENTIFYING NUCLEOTIDES AT DEFINED POSITIONS IN TARGET NUCLEIC ACIDS USING FLUORESCENCE POLARIZATION**

- PROCÉDES D'IDENTIFICATION DE NUCLEOTIDES DANS DES POSITIONS DEFINIES DANS DES ACIDES NUCLEIQUES CIBLES AU MOYEN DE LA POLARISATION DE FLUORESCENCE
- (71) **KECK GRADUATE INSTITUTE** [US/US]; 535 Watson Drive, Claremont, CA 91711 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN NESS, Jeffrey** [US/US]; 535 Watson Drive, Claremont, CA 91711 (US). **GALAS, David, J.** [US/US]; 535 Watson Drive, Claremont, CA 91711 (US). **GARRISON, Lori, K.** [US/US]; 535 Watson Drive, Claremont, CA 91711 (US).
- (74) **PARKER, David, W.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01D 1/00, 3/02, C02F 1/04, 1/20**
- (11) **WO 02/40127** (13) A1
- (21) PCT/US01/43912
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,811 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • WATER PROCESSING DEVICE
• DISPOSITIF DE TRAITEMENT D'EAU
- (71, 72) **SEARS, Stephan, B.** [US/US]; 1021 File Avenue, Palo Alto, CA 94301 (US).
- (74) **MANDEL, Saralynn** et al. / etc.; Mandel & Adriano, Suite 60, 35 N. Arroyo Parkway, Pasadena, CA 91103 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B01D 15/00**
- (11) **WO 02/40128** (13) A2
- (21) PCT/EP01/13243
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 56 685.5 **15 Nov/nov 2000 DE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR SEPARATING AT LEAST ONE REACTIVE COMPONENT FROM A MIXTURES OF LIQUID MATERIALS AND DEVICE FOR CARRYING OUT SAID METHOD
• PROCEDE POUR SEPARER AU MOINS UNE COMPOSANTE REACTIVE D'UN MELANGE DE MATIERES LIQUIDES ET DISPOSITIF POUR REALISER CE PROCEDE
- (71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, 80539 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STEIN, Erik** [DE/DE]; Arndtstrasse 43, 39108 Magdeburg (DE). **KIENLE, Achim** [DE/DE]; Wielandstrasse 17, 39108 Magdeburg (DE). **SUNDMACHER, Kai** [DE/DE]; Walbecker Strasse 21E, 38350 Helmstedt (DE).
- (74) **DRAUDT, Jutta**; v. Bezold & Sozien, Akademiestrasse 7, 80799 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01D 15/02**
- (11) **WO 02/40129** (13) A2
- (21) PCT/US01/45174
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,063 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEMS AND PROCESSES FOR PERFORMING SEPARATIONS USING A SIMULATED MOVING BED APPARATUS
• SYSTEMES ET PROCÉDES DESTINES A REALISER DES SEPARATIONS AU MOYEN D'UN DISPOSITIF A LIT MOBILE SIMULE
- (71) **PURDUE RESEARCH FOUNDATION** [US/US]; 1291 Cumberland Avenue, West Lafayette, IN 47906 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WANKAT, Phillip, C.** [US/US]; 164 Glenn Court, West Lafayette, IN 47907 (US).
- (74) **MUETING, Ann, M.**; Mueeting, Raasch, Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01D 15/08, C12N 15/10, C12Q 1/68**
- (11) **WO 02/40130** (13) A1
- (21) PCT/US01/27495
- (22) **5 Sep/sep 2001 (05.09.2001)**
- (25) en (26) en
- (30) 09/714,579 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LIQUID CHROMATOGRAPHIC SEPARATION OF POLYNUCLEOTIDES
• SEPARATION CHROMATOGRAPHIQUE EN PHASE LIQUIDE DE POLYNUCLEOTIDES
- (71) **TRANSGENOMIC, INC.** [US/US]; 2032 Concourse Drive, San Jose, CA 95131 (US).
- (72) **GJERDE, Douglas, T.**; 12295 Woodside Drive, Saratoga, CA 95070 (US). **HAEFELE, Robert, M.**; 270 Redding Road, Campbell, CA 95020 (US). **HANNA, Christopher, P.**; 56 Orchard Street 3rd Floor, Greenfield, MA 01301 (US). **HORNBY, David**; 10 Cornforth Way Widnes, Cheshire WA8 9WB (GB). **KUKLIN, Alexander, I.**; 730 Daniel Drive, Colliageville, PA 19426 (US). **TAYLOR, Paul, D.**; 775 West 8th Street, Gilroy, CA 95020 (US).
- (74) **WALKER, William, B.** et al. / etc.; Transgenomic, Inc., 2032 Concourse Drive, San Jose, CA 95131 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B01D 15/08**
- (11) **WO 02/40131** (13) A1
- (21) PCT/US01/50151
- (22) **26 Oct/oct 2001 (26.10.2001)**
- (25) en (26) en

- (30) 09/696,898 **26 Oct/oct 2000** US
(26.10.2000)
- (30) 09/839,931 **20 Apr/avr 2001** US
(20.04.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SAMPLE PREPARATION DEVICE WITH EMBEDDED SEPARATION MEDIA
• DISPOSITIF DE PREPARATION D'ECHANTILLONS COMPRENANT UN MILIEU DE SEPARATION INTEGRE
- (71, 72) **SHUKLA, Ashok, Kumar** [US/US]; 10316 Kingsway Court, Ellicott City, MD 21042 (US).
- (72) **SHUKLA, Mukta, M.**; 10316 Kingsway Court, Ellicott City, MD 21042 (US). **SHUKLA, Amita, M.**; 10316 Kingsway Court, Ellicott City, MD 21042 (US).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
- (51)⁷ **B01D 29/11, 29/33, 29/46**
- (11) **WO 02/40132** (13) A1
- (21) PCT/US01/29025
- (22) **17 Sep/sep 2001 (17.09.2001)**
- (25) en (26) en
- (30) 60/249,856 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • EDGE-TYPE FILTER
• FILTRE A DISQUES
- (71) **CUNO INCORPORATED** [US/US]; 400 Research Parkway, Meriden, CT 06450 (US).
- (72) **O'CONNELL, Daniel, J.**; 13 Mattabasset Drive, Meriden, CT 06450 (US).
- (74) **WOFSY, Scott, D.**; Cummings & Lockwood, 700 State Street, P.O. Box 1960, New Haven, CT 06509 (US).
- (81) AU BR JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- (51)⁷ **B01D 29/21, 29/54, 46/52**
- (11) **WO 02/40133** (13) A1
- (21) PCT/EP01/12621
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) de (26) de
- (30) 100 57 171.9 **16 Nov/nov 2000** DE
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FILTER ELEMENT
• ELEMENT DE FILTRE
- (71) **FILTERWERK MANN+HUMMEL GMBH** [DE/DE]; 71631 Ludwigsburg (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOLCZYK, Markus** [DE/DE]; Elser-Ring 3, 74354 Besigheim (DE). **SEIDERL, Gerhard** [DE/DE]; Viehwiedeweg 8, 71065 Sindelfingen (DE). **KAIFEL, Hans-Jörg** [DE/DE]; Mozartweg 21, 73650 Winterbach (DE). **BOCK, Heiko** [DE/DE]; Beilsteiner Strasse 45, 74232 Abstatt (DE).
- (74) **VOTH, Gerhard**; Filterwerk Mann+Hummel GmbH, 71631 Ludwigsburg (DE).
- (81) BR KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- (51)⁷ **B01D 45/12, 45/16, B04C 5/085, B01D 45/00, 45/02, 45/04, 45/08, 45/10**
- (11) **WO 02/40134** (13) A1
- (21) PCT/EP01/12620
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) de (26) de
- (30) 100 57 199.9 **17 Nov/nov 2000** DE
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • INERTIA FORCE SEPARATOR
• SEPARATEUR A FORCE D'INERTIE
- (71) **FILTERWERK MANN+HUMMEL GMBH** [DE/DE]; 71631 Ludwigsburg (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOHLE, Peter** [DE/DE]; Ahornweg 6a, 67635 Schwegenheim (DE).
- (74) **VOTH, Gerhard**; Filterwerk Mann+Hummel GmbH, 71631 Ludwigsburg (DE).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **B01D 53/02, B01J 20/02, C01B 23/00**
- (11) **WO 02/40135** (13) A1
- (21) PCT/US01/43050
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 09/713,976 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PURIFICATION OF ARGON
• PURIFICATION DE L'ARGON
- (71) **UB FOUNDATION SERVICES, INC. A NOT-FOR PROFIT, EDUCATIONAL CORPORATION OF THE STATE OF NEW YORK** [US/US]; Box 900, Buffalo, NY 14226-0900 (US). **PRAXAIR TECHNOLOGY, INC.** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).
- (72) **HLAVACEK, Vladimir**; 4721 E. Pineledge Drive, Clarence, NY 14031 (US). **PRANDA, Pavel**; 24 Chestnut Ridge Lane, Amherst, NY 14228 (US). **MARKOWSKI, Mary, Lou**; 1029 Escarpment Drive, Lewiston, NY 14092 (US).
- (74) **LAU, Bernard, R.** et al. / etc.; Praxair, Inc., 39 Old Ridgebury Road, Danbury, CT 06810-5113 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **B01D 53/08, 46/34**
- (11) **WO 02/40136** (13) A2
- (21) PCT/US01/46941
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) en (26) en
- (30) 09/711,018 **9 Nov/nov 2000** US
(09.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COST EFFECTIVE MOVING GRANULAR BED FILTERS FOR PARTICULATES AND CONTAMINANTS REMOVAL
• FILTRES A LIT GRANULAIRE MOBILE EFFICIENT DESTINES A ELIMINER DES PARTICULES ET DES CONTAMINANTS
- (71) **SIEMENS WESTINGHOUSE POWER CORPORATION** [US/US]; 4400 Alafaya Trail, Orlando, FL 32826-2399 (US).
- (72) **YANG, Wen-Ching**; 2376 Mount Vernon Avenue, Export, PA 15632-9028 (US). **NEWBY, Richard, A.**; 149 Spring Grove Road, Pittsburgh, PA 15235 (US).
- (74) **MUSONE, John** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) CN.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (q1)
- (51)⁷ **B01D 53/50**
- (11) **WO 02/40137** (13) A1
- (21) PCT/JP01/09954
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ja (26) ja
- (30) 2000-351802 **17 Nov/nov 2000** JP
(17.11.2000)
- (30) 2001-275254 **11 Sep/sep 2001** JP
(11.09.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR WET TYPE FLUE-GAS DESULFURIZATION
• PROCEDE ET APPAREIL DE DESULFURATION DES GAZ DE COMBUSTION DE TYPE SATURE
- (71) **mitsubishi Heavy Industries, LTD.** [JP/JP]; 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ONIZUKA, Masakazu** [JP/JP]; C/O HIROSHIMA Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553 (JP). **TAKASHINA, Toru** [JP/JP]; C/O HIROSHIMA Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553 (JP).

(74) **KUDOHI, Minoru** et al. / etc.; 6F, KADOYA BLDG. _G., 24-10, Minamiooi 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).

(81) CN US VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B01D 53/56, 53/60**

(11) **WO 02/40138** (13) A1

(21) PCT/NO01/00457

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) no (26) en

(30) 20005846 **17 Nov/nov 2000 NO (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS AND PLANT FOR REMOVING NITROGEN OXIDES FROM FLUE GASES
• PROCEDE ET INSTALLATION D'ELIMINATION D'OXYDES D'AZOTE DE FUMEEES

(71) **GRØNN KRAFT AS** [NO/NO]; c/o Olav Martin Kvalheim, Fagernes 19, N-5035 Bergen (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KVALHEIM, Olav, Martin** [NO/NO]; Fagernes 19, N-5035 Bergen (NO). **SUNDBY, Edvard** [NO/SE]; Husargatan 8, S-413 14 Göteborg (SE).

(74) **AS BERGEN PATENTKONTOR;** C. Sundtsgt. 36, N-5004 Bergen (NO).

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

(51)⁷ **B01D 53/94, B01J 23/46**

(11) **WO 02/40139** (13) A1

(21) PCT/GB01/05060

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 0028198.0 **20 Nov/nov 2000 GB (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NOx-TRAP COMPOSITION
• COMPOSITION DE TYPE PIEGE A NOX

(71) **JOHNSON MATTHEY PUBLIC LIMITED COMPANY** [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

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

(72, 75) **RAJARAM, Raj, Rao** [MU/GB]; 34 Buckland Avenue, Slough SL3 7PH (GB). **POULSTON, Stephen** [GB/GB]; 4 Hatherley Road, Reading RG1 5QA (GB).

(74) **NUNN, Andrew, Dominic;** Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).

(81) JP US.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B01D 65/10, 65/00**

(11) **WO 02/40140** (13) A1

(21) PCT/FR01/03476

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) fr (26) fr

(30) 00/14969 **20 Nov/nov 2000 FR (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • IMPROVEMENTS TO METHODS FOR REPAIRING BY SEALING HOLLOW FIBRES OF MEMBRANES, IN PARTICULAR, ULTRAFILTRATION, NANOFILTRATION, AND HYPERFILTRATION MEMBRANES

• PERFECTIONNEMENTS APPORTES AUX PROCEDES DE REPARATION PAR OBTURATION DES FIBRES CREUSES DES MEMBRANES, NOTAMMENT D'ULTRA-, NANO-, ET HYPER-FILTRATION

(71) **AQUASOURCE** [FR/FR]; 20 Avenue Didier Daurat, B.P. 4050, F-31029 TOULOUSE CEDEX 04 (FR).

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

(72, 75) **ABIDINE, Nouhad** [FR/FR]; 68 Chemin du Ruisseau Fontbazi, F-31450 DONNEVILLE (FR). **SAUVADE, Patrick** [FR/FR]; 45 rue Emile Lécivain, F-31400 TOULOUSE (FR).

(74) **ARMENGAUD, Alain** et al. / etc.; Cabinet ARMENGAUD AINE, 3, Avenue Bugeaud, F-75116 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01J**

(11) **WO 02/40141** (13) A2

(21) PCT/US01/43006

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 60/249,464 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SO_x CATALYST

• CATALYSEUR SO_x

(71) **TRICAT INDUSTRIES INC.** [US/US]; 260 Schilling Circle, Hunt Valley, MD 21031 (US).

(72) **MCCAULEY, John;** 2316 Bollinger Mill Road, Finksburg, MD 21048-2705 (US).

(74) **STEINER, Arthur, J.** 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 BY BZ CA CH CN CO CR CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **B01J**

(11) **WO 02/40142** (13) A2

(21) PCT/US01/43372

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 09/717,170 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A DEVICE AND METHOD FOR CREATING HYDRODYNAMIC CAVITATION IN FLUIDS

• APPAREIL ET PROCEDE DE CREATION DE CAVITATION HYDRODYNAMIQUE DANS DES FLUIDES

(71, 72) **KOZYUK, Oleg, V.** [UA/US]; 27688 Westchester Pkwy., Apt. A, Westlake, OH 44145 (US).

(74) **EARP, III, Robert, H.** et al. / etc.; Benesch, Friedlander, Coplan & Aronoff LLP, 2300 BP Tower, 200 Public Square, Cleveland, OH 44114-2378 (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 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01J**

(11) **WO 02/40143** (13) A2

(21) PCT/US01/47314

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

- (30) 09/709,895 **10 Nov/nov 2000** US
(10.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● CATALYST AND METHOD OF USE IN THE REDUCTION OF NITROGEN OXIDES USING LOWER HYDROCARBONS
- CATALYSEUR ET SON PROCEDE D'UTILISATION DANS LA REDUCTION D'OXYDES D'AZOTE AU MOYEN D'HYDROCARBURES INFÉRIEURS
- (71) **THE OHIO STATE UNIVERSITY** [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US).
- (72) **OZKAN, Umit, S.**; 531 Highgate Avenue, Worthington, OH 43085 (US). **WATSON, Junko, M.**; 1878B Tamarack Circle North, Columbus, OH 43229 (US).
- (74) **GILCREST, Roger, A.**; Standley & Gilcrest LLP, Suite 210, 495 Metro Place South, Dublin, OH 43017 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 2/00, F26B 11/02**
- (11) **WO 02/40144** (13) A1
- (21) PCT/FR01/00462
- (22) **16 Feb/fév 2001 (16.02.2001)**
- (25) fr (26) fr
- (30) 00/14918 **16 Nov/nov 2000** FR
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR MAKING GRANULES
- PROCEDE DE FABRICATION DE GRANULES
- (71) **BIONATEC S.A.** [FR/FR]; 1050 Route de la Mer, F-06410 Biot (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATHONNET, Jean-Pierre** [FR/FR]; Office Méditerranéen de Brevets d'Invention et Marques, Cabinet Hautier, 24 rue Masséna, F-06000 Nice (FR). **ZANNINI, Gaetano** [FR/FR]; Office Méditerranéen de Brevets d'Invention et Marques, Cabinet Hautier, 24 rue Masséna, F-06000 Nice (FR).
- (74) **HAUTIER, Jean-Louis**; Office Méditerranéen de Brevets d'Invention, et de Marques, Cabinet Hautier, 24 rue Masséna, F-06000 Nice (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 2/04**
- (11) **WO 02/40145** (13) A2
- (21) PCT/US01/45246
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 09/710,030 **9 Nov/nov 2000** US
(09.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHODS OF FORMING A PLURALITY OF SPHERES; AND PLURALITIES OF SPHERES
- PROCEDE PERMETTANT DE FORMER UNE PLURALITE DE BILLES; ET BILLES AINSI OBTENUES
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).
- (72) **EDIE, Colin**; 15125 E. Terrace Lane, Veradale, WA 99037 (US). **KENO, David, B.**; 606 West Marl Court, Fairfield, WA 99012 (US). **PARFENIUK, Christopher, L.**; 8107 East Elde Drive, Spokane, WA 99212 (US).
- (74) **LATWESEN, David, G.**; 601 West First Avenue, Suite 1300, Spokane, Washington, DC 99201 (US) et al. / etc.
- (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 8/34, 8/24, C08F 10/00**
- (11) **WO 02/40146** (13) A1
- (21) PCT/NL00/00864
- (22) **14 Nov/nov 2000 (14.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● FLUIDISED BED REACTOR
- REACTEUR A LIT FLUIDISE
- (71) **DSM N.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) **MUTSERS, Stanislaus, Martinus, Petrus** [NL/NL]; Eindstraat 9, NL-6166 EH Geleen (NL).
- (74) **KRIJGSMAN, Willem**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 10/00, 19/08, B01D 53/26**
- (11) **WO 02/40147** (13) A1
- (21) PCT/NL01/00826
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) nl (26) en
- (30) 1016606 **15 Nov/nov 2000** NL
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● MIST REACTOR OF THE VERTICAL FLOW TYPE, AND USE THEREOF
- REACTEUR A BROUILLARD DU TYPE A ECOULEMENT VERTICAL ET UTILISATION ASSOCIEE
- (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) **VAN GROENESTIJN, Johannes, Wouterus** [NL/NL]; De Hovenlaan 94, NL-7325 VH Apeldoorn (NL). **MEESTERS, Koen, Peter, Henri** [NL/NL]; Magistraten-veld 606, NL-7327 LK Apeldoorn (NL).
- (74) **PRINS, A.W.**; c/o VEREENIGDE, Nieuwe Parklaan 97, NL-2587 BN den Haag (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B01J 19/00**
- (11) **WO 02/40148** (13) A2
- (21) PCT/US01/43458
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) en (26) en
- (30) 09/713,371 **14 Nov/nov 2000** US
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● IMPROVED RANDOM PACKING ELEMENT
- ELEMENT DE GARNISSAGE ALEATOIRE AMELIORE
- (71) **SAINT-GOBAIN NORPRO CORPORATION** [US/US]; 3855 Fishcreek Road, Stow, OH 44224 (US).

(72) **NIKNAFS, Hassan, S.**; 3986 Lake Run Boulevard, Stow, OH 44224 (US).

(74) **DAVIS, Anthony, G., M.**; Davis & Bujold, P.L.L.C., Fourth Floor, 500 North Commercial Street, Manchester, NH 03101 (US) et al. / etc.

(81) AU BR CA CN CZ DE ES GB HU IN JP KR MX PL RU SE SG ZA.

(51)⁷ **B01J 20/00**

(11) **WO 02/40149** (13) A2

(21) PCT/US01/45004

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/715,542 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ACID CONTACTED ENHANCED ADSORBENT PARTICLE, BINDER AND OXIDE ADSORBENT AND/OR OXIDE CATALYST SYSTEM, AND METHOD OF MAKING AND USING THEREFOR
● PARTICULE ADSORBANTE AMELIOREE MISE EN CONTACT AVEC UN ACIDE, SYSTEME D'ADSORPTION D'OXYDE ET DE LIANT ET/OU SYSTEME DE CATALYSEUR D'OXYDE ET PROCEDE DE FABRICATION ET D'UTILISATION CORRESPONDANTS

(71) **APYRON TECHNOLOGIES, INC.** [US/US]; 4030F Pleasantdale Road, Atlanta, GA 30340 (US).

(72) **MOSKOVITZ, Mark, L.**; P.O. Box 80402, Atlanta, GA 30366-0402 (US). **KEPNER, Bryan, E.**; 2460 Peachtree Road N.W., #1010, Atlanta, GA 30305 (US). **MINTZ, Eric, A.**; 340 Old Tree Trace, Roswell, GA 30075 (US).

(74) **KATZ, Mitchell, A.**; Needle & Rosenberg, P.C., Suite 1200, The Candler Building, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01J 20/10, A23K 1/175**

(11) **WO 02/40150** (13) A1

(21) PCT/EP01/11713

(22) **10 Oct/oct 2001 (10.10.2001)**

(25) de (26) de

(30) 100 56 634.0 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● USE OF ACTIVATED LAYERED SILICATES FOR THE ADSORPTION OF MYCOTOXINS

● UTILISATION DE SILICATES EN COUCHES ACTIVES POUR L'ADSORPTION DE MYCOTOXINES

(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) **SCHALL, Norbert** [DE/DE]; Am alten Brunnen 12 f, 85659 Forstern (DE). **SIMMLER-HÜBENTHAL, Hubert** [DE/DE]; Am Mühlbachbogen 13, 85368 Moosburg (DE).

(74) **WESTENDORP, Michael**; Splanemann Reitzner Baronetzky Westendorp, Rumpfstrasse 7, 80469 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B01J 23/34, 23/656, B01D 53/94**

(11) **WO 02/40151** (13) A1

(21) PCT/GB01/05124

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 0028240.0 **20 Nov/nov 2000 GB (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MANGANESE CONTAINING OXYGEN STORAGE COMPONENT COMPRISING THREE-WAY CATALYST COMPOSITION

● COMPOSITION DE CATALYSEUR A TROIS VOIES CONTENANT UN COMPOSANT DE STOCKAGE D'OXYGENE RENFERMANT DU MANGANESE

(71) **JOHNSON MATTHEY PUBLIC LIMITED COMPANY** [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

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

(72, 75) **HYDE, Timothy, Ian** [GB/GB]; 60 Elgar Road, Reading RG2 0BL (GB). **FISHER, Janet, Mary** [GB/GB]; 14 Tithelbarn Grove, Calcot, Reading RG31 7YX (GB). **THOMPSETT, David** [GB/GB]; 53 Highmoor Road, Caversham, Reading RG4 7BQ (GB).

(74) **NUNN, Andrew, Dominic**; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B01J 23/46, B01D 53/86**

(11) **WO 02/40152** (13) A1

(21) PCT/JP01/09979

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-351654 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CATALYST FOR PURIFYING METHANE-CONTAINING WASTE GAS AND METHOD OF PURIFYING METHANE-CONTAINING WASTE GAS

● CATALYSEUR UTILE POUR PURIFIER DES GAZ RESIDUAIRES CONTENANT DU METHANE ET PROCEDE DE PURIFICATION DE GAZ RESIDUAIRES CONTENANT DU METHANE

(71) **OSAKA GAS COMPANY LIMITED** [JP/JP]; 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

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

(72, 75) **OHTSUKA, Hirofumi** [JP/JP]; c/o OSAKA GAS COMPANY LIMITED, 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP). **HIRANO, Takenori** [JP/JP]; 1385-2, Kamisabuchi, Izumi-shi, Kagoshima 899-0203 (JP).

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

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B01J 31/02, C10G 47/02**

(11) **WO 02/40153** (13) A1

(21) PCT/CN01/01345

(22) **7 Sep/sep 2001 (07.09.2001)**

(25) zh (26) zh

(30) 00 1 12597.4 **8 Oct/oct 2000 CN (08.10.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A CATALYTIC ACTIVITY ACCELERANT USED IN PETROLEUM HYDROGENATION

● ACCELERATEUR ACTIF DE CATALYSE LORS DU PROCEDE D'HYDROGENATION DU PETROLE

(71) **NANJING UNIVERSITY OF CHEMICAL TECHNOLOGY** [CN/CN]; 5 Xin Mo Fan Ma Lu, Nanjing, Jiangsu 210009 (CN). **YANG ZI PETROCHEMICAL CORPORATION LTD.** [CN/CN]; 777 Xin Hua Lu, Dachang District, Nanjing, Jiangsu 210048 (CN).

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

(72, 75) **WANG, Jintang** [CN/CN]; 5 Xin Mo Fan Ma Lu, Nanjing, Jiangsu 210009 (CN).

GUAN, Jianning [CN/CN]; 5 Xin Mo Fan Ma Lu, Nanjing, Jiangsu 210009 (CN).

DAI, Houliang [CN/CN]; 777 Xin Hua Lu, Dachang District, Nanjing, Jiangsu 210048 (CN).

ZHOU, Lijin [CN/CN]; 777 Xin Hua Lu, Dachang District, Nanjing, Jiangsu 210048 (CN).

TANG, Minghui [CN/CN]; 5 Xin Mo Fan Ma Lu, Nanjing, Jiangsu 210009 (CN).

ZHANG, Yuming [CN/CN]; 777 Xin Hua Lu, Dachang District, Nanjing, Jiangsu 210048 (CN).

OUYANG, Pingkai [CN/CN]; 5 Xin Mo Fan Ma Lu, Nanjing, Jiangsu

- 210009 (CN). **LI, Chengfeng** [CN/CN]; 777 Xin Hua Lu, Dachang District, Nanjing, Jiangsu 210048 (CN). **DAI, Chaorong** [CN/CN]; 5 Xin Mo Fan Ma Lu, Nanjing, Jiangsu 210009 (CN). **WANG, Jingyi** [CN/CN]; 777 Xin Hua Lu, Dachang District, Nanjing, Jiangsu 210048 (CN).
- (74) **CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD.**; Zhongke Building, 16th floor, 80 Haidian Road, Haidian District, Beijing 100080 (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 ES FI GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/24, 31/18, C07C 29/136, 209/52, C07F 15/00**
- (11) **WO 02/40155** (13) A1
(21) PCT/IB01/02166
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) PCT/IB00/01693 **17 Nov/nov 2000 IB (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESS FOR HYDROGENATION OF CARBONYL AND IMINOCARBONYL COMPOUNDS USING RUTHENIUM CATALYSTS COMPRISING TETRADENTATE DIIMINO-DIPHOSPHINE LIGANDS
- PROCEDE DESTINE A L'HYDROGENATION DE COMPOSES A BASE DE CARBONYLE ET D'IMINOCARBONYLE AU MOYEN DE CATALYSEURS UTILISANT DU RUTHENIUM COMPRENANT DES LIGANDS DE TETRADENTATE DIIMINO-DIPHOSPHINE
- (71) **FIRMENICH S.A.** [CH/CH]; P.O. Box 239, 1, route des Jeunes, CH-1211 Geneva 8 (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RAUTENSTRAUCH, Valentin** [DE/CH]; 69, chemin de Saule, CH-1233 Bernex (CH). **CHURLAUD, Raphaël** [FR/FR]; 10, rue Eugène Pottier, F-72100 Le Mans (FR). **MORRIS, Robert, Harold** [CA/CA]; 114 Browning Avenue, Toronto, Ontario M4K 1W3 (CA). **ABDUR-RASHID, Kamaluddin** [JM/CA]; 3816 Morning Star Drive, Mississauga, Ontario L4T 1Y9 (CA).
- (74) **SALVATERRA-GARCIA, Maria de Lurdes**; Firmenich S.A., 1, route des Jeunes, P.O. Box 239, CH-1211 Geneva 8 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (q1)
- (51)⁷ **B01J 35/04**
- (11) **WO 02/40156** (13) A2
(21) PCT/JP01/09883
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) 2000-347548 **15 Nov/nov 2000 JP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METALLIC CATALYST CARRIER
- SUPPORT CATALYTIQUE METALLIQUE
- (71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SATO, Shin** [JP/JP]; 3-4710-1-417, Soubudai, Zama-shi, Kanagawa 228-0011 (JP). **OOUCHI, Ken** [JP/JP]; 2-18-8-104, Minamiyamada, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0029 (JP). **NISHIZAWA, Kimiyoshi** [JP/JP]; 31-39, Kamiseya-cho, Seya-ku, Yokohama-shi, Kanagawa 246-0006 (JP).
- (74) **ONO, Yukio** et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) CN KR US.
(84) EP (DE FR GB).
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- (51)⁷ **B01J 37/00, B21D 47/00, F01N 3/28**
- (11) **WO 02/40157** (13) A1
(21) PCT/JP01/09999
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) ja (26) ja
(30) 2000-351679 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESSING METHOD UTILIZING DISPLAY INFORMATION AND CELL STRUCTURE PROCESSED BY THE PROCESSING METHOD
- PROCEDE DE TRAITEMENT COMPRENANT L'UTILISATION D'INFORMATIONS D'AFFICHAGE ET STRUCTURE CELLULAIRE TRAITEE A L'AIDE DU PROCEDE DE TRAITEMENT
- (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) **ICHIKAWA, Yukihito** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **ITO, Eiji** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) **WATANABE, Kazuhira**; 3rd Fl. No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B01J 31/02, C07C 27/12, 33/20, 49/78, 51/21, 51/265, 55/14, 63/04, 63/06, 63/26, 63/313, C07D 213/80, 215/54**
- (11) **WO 02/40154** (13) A1
(21) PCT/JP01/09767
(22) **8 Nov/nov 2001 (08.11.2001)**
(25) ja (26) ja
(30) 2000-348787 **15 Nov/nov 2000 JP (15.11.2000)**
(30) 2001-46986 **22 Feb/fév 2001 JP (22.02.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CATALYSTS COMPRISING N-SUBSTITUTED CYCLIC IMIDES AND PROCESSES FOR PREPARING ORGANIC COMPOUNDS WITH THE CATALYSTS
- CATALYSEURS COMPRENANT DES IMIDES CYCLIQUES A SUBSTITUTION N ET PROCEDES POUR LA PREPARATION DE COMPOSES ORGANIQUES AVEC LESDITS CATALYSEURS
- (71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ISHII, Yasutaka** [JP/JP]; 19-21, Bessyohonmachi, Takatsuki-shi, Osaka 569-1112 (JP). **NAKANO, Tatsuya** [JP/JP]; 22-4, Arashiyama-cho, Himeji-shi, Hyogo 670-0029 (JP). **IWAHAMA, Takahiro** [JP/JP]; 610-1, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo 671-1262 (JP). **HIRAI, Naruhisa** [JP/JP]; 720, Takada, Aboshi-ku, Himeji-shi, Hyogo 671-1226 (JP).
- (74) **GOTO, Yukihisa**; 202, Masuda Building, 7-16, Higashitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-0044 (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

(51)⁷ B01L 3/00

(11) WO 02/40158 (13) A2

(21) PCT/GB01/05100

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 0028275.6 20 Nov/nov 2000 GB
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • REACTION PLATE

• PLAQUE DE MICROTITRATION

(71) HERFURTH LASER TECHNOLOGY LTD [GB/GB]; Airport Executive Park, President Way, Luton, Bedfordshire LU2 9NY (GB).

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

(72, 75) ICKE, Richard, Geoffrey [GB/GB]; 2 Littlemead Road, Majors Green, Shirley, Solihull, West Midlands B90 1DJ (GB). BRYDEN, Brian, George [GB/GB]; 32 Michaelmas Road, Cheylesmore, Coventry CV3 6HG (GB).

(74) HALLYBONE, Huw, George et al. / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01L 3/00

(11) WO 02/40159 (13) A2

(21) PCT/US01/43595

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,568 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MAGNETIC PLATE FOR BIOLOGICAL SEPARATIONS

• PLAQUE MAGNETIQUE POUR SEPARATIONS BIOLOGIQUES

(71) PROLINX INCORPORATED [US/US]; 22322 20th Avenue SE, Suite 100, Bothell, WA 98021 (US). CORTEX BIOCHEM, INC. [US/US]; 1933 Davis Street, Suite 321, San Leandro, CA 94577 (US).

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

(72, 75) SPICER, Douglas, A. [US/US]; 1711 30th Avenue South, Seattle, WA 98144 (US). POURFARZANEH, Matt [US/US]; 551 Creedon Circle, Alameda, CA 94502 (US).

(74) GARRETT-WACKOWSKI, Eugenia 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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01L 3/02, G01N 35/10

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(21) PCT/CH01/00637

(22) 29 Oct/oct 2001 (29.10.2001)

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(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR SEPARATING SAMPLES FROM A LIQUID

• DISPOSITIF ET PROCÉDE DE SEPARATION D'ECHANTILLONS A PARTIR D'UN LIQUIDE

(71) TECAN TRADING AG [CH/CH]; Seestrasse 103, CH-8708 Männedorf (CH).

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

(72, 75) SICKINGER, Anselm [DE/DE]; Sommerfelder Weg 119, 04329 Leipzig (DE). ROMER, Hanspeter [CH/CH]; Eichwiesstrasse 70, CH-8634 Hombrechtikon (CH). INGENHOVEN, Nikolaus [CH/CH]; Alte Landstrasse 48, CH-8708 Männedorf (CH). KNECHT, Urs [CH/CH]; Chilerai 19, CH-8634 Hombrechtikon (CH).

(74) MÜLLER, Theodor; c/o OK pat AG, Chamerstrasse 50, CH-6300 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 29 Oct/oct 2001 (29.10.2001)

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(30) 2252/00 17 Nov/nov 2000 CH
(17.11.2000)(30) 2281/00 23 Nov/nov 2000 CH
(23.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR DETERMINING THE VOLUME OF A SAMPLE OF A LIQUID

• PROCÉDE ET DISPOSITIF DE DETERMINATION DU VOLUME D'UN ECHANTILLON DE LIQUIDE

(71) TECAN TRADING AG [CH/CH]; Seestrasse 103, CH-8708 Männedorf (CH).

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

(72, 75) HÄLG, Werner [CH/CH]; Glärnischstrasse 294b, CH-8708 Männedorf (CH). INGENHOVEN, Nikolaus [CH/CH]; Alte Landstrasse 48, CH-8708 Männedorf (CH). TRÖSCH, Michael [CH/CH]; Eilweg 10, CH-8634 Hombrechtikon (CH).

(74) MÜLLER, Theodor; c/o OK pat AG, Chamerstrasse 50, CH-6300 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01L 3/02, G01N 1/00

(11) WO 02/40162 (13) A1

(21) PCT/CH01/00640

(22) 29 Oct/oct 2001 (29.10.2001)

(25) de (26) de

(30) 2252/00 17 Nov/nov 2000 CH
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(29.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR ASPIRATING AND DISPENSING LIQUID SAMPLES

• DISPOSITIF D'ABSORPTION ET DE DISTRIBUTION D'ECHANTILLONS DE LIQUIDE

(71) TECAN TRADING AG [CH/CH]; Seestrasse 103, CH-8708 Männedorf (CH).

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

(72, 75) INGENHOVEN, Nikolaus [CH/CH]; Alte Landstrasse 48, CH-8708 Männedorf (CH). SCHMID, Noa [CH/CH]; Tannenweg 1, CH-9472 Grabs (CH). FORNITO, Stefano [IT/CH]; Hasenbühlstr. 4, CH-8625 Gossau (CH).

(74) MÜLLER, Theodor; c/o OK pat AG, Chamerstrasse 50, CH-6300 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B01L 3/02, 11/00 // F04B 43/00**

(11) **WO 02/40163** (13) A1

(21) PCT/CH01/00672

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 2252/00 **17 Nov/nov 2000 CH (17.11.2000)**

(30) 2314/00 **29 Nov/nov 2000 CH (29.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **DEVICE FOR THE TAKE-UP AND/OR RELEASE OF LIQUID SAMPLES**

• **DISPOSITIF PERMETTANT DE PRE-LEVER ET/OU DE DISTRIBUER DES ECHANTILLONS DE LIQUIDE**

(71) **TECAN TRADING AG [CH/CH];** Seestrasse 103, CH-8708 Männedorf (CH).

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

(72, 75) **INGENHOVEN, Nikolaus [DE/CH];** Alte Landstrasse 48, CH-8708 Männedorf (CH). **SCHMID, Noa [CH/CH];** Tannenweg 1, CH-9472 Grabs (CH).

(74) **HEUSCH, Christian; OK pat AG,** Chamerstrasse 50, CH-6300 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/02**

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(21) PCT/FR01/03579

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) fr (26) fr

(30) 00/14691 **15 Nov/nov 2000 FR (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **METHOD FOR DEPOSITING AN ANALYTE SOLUTION, DEVICE THEREFOR, SOLID SUPPORT PRODUCED BY THE METHOD AND DIAGNOSIS KIT COMPRISING SUCH A SOLID SUPPORT**

• **PROCEDE DE DEPOT D'UNE SOLUTION D'ANALYTE, DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE, SUPPORT SOLIDE FABRIQUE SELON LE PROCEDE ET KIT DE DIAGNOSTIC COMPRENANT UN TELL SUPPORT SOLIDE**

(71) **BIOMERIEUX S.A. [FR/FR];** Chemin de l'Orme, F-69280 Marcy l'Etoile (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLIN, Bruno [FR/FR];** 23, chemin des Garennes, F-69280 Marcy l'Etoile (FR). **GUY, Michel [FR/FR];** 78, rue d'Alembert, F-38000 Grenoble (FR).

(74) **BONNEAU, Gérard; Cabinet Bonneau,** Les Taissounières HB3, 1681, route des Dolines, F-06560 Sophia Antipolis (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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/14**

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(21) PCT/CH01/00639

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(25) de (26) de

(30) 2252/00 **17 Nov/nov 2000 CH (17.11.2000)**

(30) 2314/00 **29 Nov/nov 2000 CH (29.11.2000)**

(30) 2413/00 **12 Dec/déc 2000 CH (12.12.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **DEVICE AND SYSTEM FOR DISPENSING OR ASPIRATING/DISPENSING LIQUID SAMPLES**

• **DISPOSITIF ET SYSTEME DE DISTRIBUTION OU D'ABSORPTION/DISTRIBUTION D'ECHANTILLONS DE LIQUIDE**

(71) **TECAN TRADING AG [CH/CH];** Seestrasse 103, CH-8708 Männedorf (CH).

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

(72, 75) **INGENHOVEN, Nikolaus [CH/CH];** Alte Landstrasse 48, CH-8708 Männedorf (CH). **HODAC, Agathe [CH/CH];** Schönbodenstrasse 60, CH-8640 Rapperswil (CH). **SCHMID, Noa [CH/CH];** Tannenweg 1, CH-9472 Grabs (CH).

(74) **MÜLLER, Theodor; c/o OK pat AG,** Chamerstrasse 50, CH-6300 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE 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 13/18**

(11) **WO 02/40166** (13) A2

(21) PCT/EP01/13368

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) de (26) de

(30) 100 57 433.5 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **CENTRIFUGAL MILL COMPRISING TWO CHAMBERS**

• **BROYEUR CENTRIFUGE A DEUX CHAMBRES**

(71) **BHS-SONTHOFEN MASCHINEN-UND ANLAGENBAU GMBH [DE/DE];** Hans-Böckler-Strasse 7, 87527 Sonthofen (DE).

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

(72, 75) **RYCHEL, Rafal [PL/PL];** Metalowców 1/42, PL-34-120 Andrychów (PL). **UNLAND, Georg [DE/DE];** Weg nach Herders Ruhe 22, 09599 Freiberg (DE). **FOLGNER, Thomas [DE/DE];** Strasse der Einheit 26, 09599 Freiberg (DE). **SCHMAMDRA, Angelo [DE/DE];** Hans-Böckler-Strasse 18, 87527 Sonthofen (DE).

(74) **WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (DE).**

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B02C 13/18, 13/28**

(11) **WO 02/40167** (13) A1

(21) PCT/EP01/13369

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) de (26) de

(30) 100 57 434.3 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **CENTRIFUGAL EDGE ABRASION UNIT**

• **UNITE D'USURE POUR BORD DE PAROI D'AUBE D'UN BROYEUR CENTRIFUGE**

(71) **BHS-SONTHOFEN MASCHINEN-UND ANLAGENBAU GMBH [DE/DE];** Hans-Böckler-Strasse 7, 87527 Sonthofen (DE).

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

(72, 75) **SCHMANDRA, Angelo [DE/DE];** Hans-Böckler-Strasse 18, 87527 Sonthofen (DE). **PIENZ, Alwin [DE/DE];** Entschenburgweg 10a, 87527 Sonthofen (DE). **GULDAN, Dietmar [DE/DE];** Eisenbergweg 57, 87600 Kaufbeuren (DE).

(74) **WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (DE).**

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **B02C 13/284, 18/06**

(11) **WO 02/40168** (13) A1

(21) PCT/US01/44117

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/249,401 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • RETRACTABLE ROD SCREENS

• CRIBLES A BARRES RETRACTABLES

(71) **DIAMOND Z MANUFACTURING** [US/US]; 11299 Bass Lane, Caldwell, ID 83605 (US).

(72) **ZEHR, Melvin, A.**; 11299 Bass Lane, Caldwell, ID 83605 (US).

(74) **SHAVER, Robert, L.**; Dykas & Shaver, LLP, P.O. Box 877, Boise, ID 83701-0877 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 13/31, 13/02**

(11) **WO 02/40169** (13) A1

(21) PCT/DE01/04257

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 56 637.5 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND INSTALLATION FOR GRINDING WASTE

• PROCEDE ET INSTALLATION DE BROYAGE DE DECHETS

(71) **SVEDALA LINDEMANN GMBH** [DE/DE]; Erkrather Strasse 401, 40231 Düsseldorf (DE).

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

(72, 75) **VAN DER BEEK, August** [DE/DE]; Jülicher Strasse 84, 41515 Grevenbroich (DE). **KÖHL, Erich** [DE/DE]; Poststrasse 2b, 40667 Meerbusch (DE). **VOB, Rainer** [DE/DE]; Grunderviesen 10, 51381 Leverkusen (DE). **KOCK, Bernhard** [DE/DE]; Sandsternweg 10, 47441 Moers (DE).

(81) AU JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **B03C 1/20**

(11) **WO 02/40170** (13) A2

(21) PCT/CA01/01643

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 60/249,466 **20 Nov/nov 2000 US (20.11.2000)**

(30) 09/985,952 **6 Nov/nov 2001 US (06.11.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR ISOLATING MATERIALS

• APPAREIL ET PROCÉDÉ POUR L'ISOLATION DE MATÉRIAUX

(71) **INTERNATIONAL SEPARATION SYSTEM, LTD.** [BB/BB]; c/o Trident Trust Barbados, White Park House, White Park Road, P.O. Box 836E, Bridgetown (BB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WISE, Richard, J.** [CA/CA]; 3548 Lake Shore Road, Kelowna, British Columbia V1W 3L5 (CA).

(74) **AITKEN, David, W.**; Osler, Hoskin & Harcourt LLP, Suite 1500, 50 O'Connor Street, Ottawa, Ontario K1P 6L2 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B03C 1/247, B07C 5/344**

(11) **WO 02/40171** (13) A1

(21) PCT/DE01/04211

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) de (26) de

(30) 100 56 658.8 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR THE SEPARATION OF A METAL-CONTAINING SOLIDS MIXTURE

• DISPOSITIF ET PROCEDE DE SEPARATION D'UN MELANGE DE MATERIAUX SOLIDES CONTENANT DES METAUX

(71) **STEINERT ELEKTROMAGNETBAU GMBH** [DE/DE]; Widdersdorfer Strasse 329-331, 50933 Köln (DE).

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

(72, 75) **WARLITZ, Götz** [DE/DE]; Adlerweg 29, 50189 Elsdorf (DE).

(74) **KASSNER, Klaus**; Retzdorffpromenade 2/II, 12161 Berlin (DE).

(81) AU CA CN JP US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B03C 1/247, 1/14**

(11) **WO 02/40172** (13) A1

(21) PCT/DE01/04269

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 57 535.8 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR THE SEPARATION OF NON-MAGNETISABLE METALS AND FERROUS COMPONENTS FROM A SOLID MIXTURE AND METHOD FOR OPERATING SAID DEVICE

• DISPOSITIF DE SEPARATION DE METAUX NON MAGNETISABLES ET DE FRACTIONS DE FER CONTENUS DANS UN MELANGE DE MATERIAUX SOLIDES ET PROCEDE DE FONCTIONNEMENT DUDIT DISPOSITIF

(71) **STEINERT ELEKTROMAGNETBAU GMBH** [DE/DE]; Widdersdorfer Strasse 329-331, 50933 Köln (DE).

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

(72, 75) **WARLITZ, Götz** [DE/DE]; Adlerweg 29, 50189 Elsdorf (DE). **FEISTNER, Klaus, Dieter** [DE/DE]; Kömpchen 39, 52353 Düren (DE). **HABICH, Uwe** [DE/DE]; Beckerstrasse 39, 52078 Aachen (DE). **LEINEN, Harald** [DE/DE]; Glessener Weg 6, 50259 Pulheim (DE).

(74) **KASSNER, Klaus**; Retzdorffpromenade 2/II, 12161 Berlin (DE).

(81) AU CA CN JP US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **B03C 1/28, G01N 35/00, 35/10**

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(21) PCT/EP01/11807

(22) **12 Oct/oct 2001 (12.10.2001)**

(25) de (26) de

(30) 100 57 396.7 **18 Nov/nov 2000 DE (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR SEPARATING A DISPERSED OR DISSOLVED SUBSTANCE AND MAGNET SEPARATOR

• PROCEDE DE SEPARATION D'UN PRODUIT DISPERSE OU DISSOUS ET SEPARATEUR MAGNETIQUE Y RELATIF

(71) **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Weberstr. 5, 76133 Karlsruhe (DE).

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

(72, 75) **FRANZREB, Matthias** [DE/DE]; Eschenweg 20, 76185 Karlsruhe (DE). **WOHLGEMUTH, Jonas** [DE/DE]; Kronenstr. 13, 76661 Rheinsheim (DE).

(74) **FORSCHUNGSZENTRUM KARLSRUHE GMBH**; Stabsabteilung Patente

- und Lizenzen, Postfach 3640, 76021 Karlsruhe (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B04B**
- (11) **WO 02/40174** (13) A2
- (21) PCT/SE01/02456
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) en (26) en
- (30) 0004162-4 **14 Nov/nov 2000 SE (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A CENTRIFUGAL SEPARATOR AND A CENTRIFUGE ROTOR
- CENTRIFUGEUSE ET ROTOR DE CENTRIFUGATION
- (71) **ALFA LAVAL AB** [SE/SE]; S-147 80 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENRIKSSON, Roland** [SE/SE]; Sköldgatan 11, S-118 63 Stockholm (SE).
SZEPESSY, Stefan [SE/SE]; Byfogdevägen 8, S-141 39 Huddinge (SE).
- (74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B04B 1/20, 11/06**
- (11) **WO 02/40175** (13) A1
- (21) PCT/EP01/11663
- (22) **9 Oct/oct 2001 (09.10.2001)**
- (25) de (26) de
- (30) 100 65 893.8 **14 Nov/nov 2000 DE (14.11.2000)**
- (30) 101 20 995.9 **28 Apr/avr 2001 DE (28.04.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **SOLID BOWL SCREW CENTRIFUGE COMPRISING A DISTRIBUTOR**
- ESSOREUSE A VIS SANS FIN, A BOL PLEIN, MUNIE D'UN DISTRIBUTEUR
- (71) **WESTFALIA SEPARATOR INDUSTRY GMBH** [DE/DE]; Werner-Habig-Strasse 1, 59302 Oelde (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HERMELER, Jürgen** [DE/DE]; Auf der Hovestatt 12, 45721 Haltern (DE).
BRÜNING, Paul [DE/DE]; Fürstenbergstrasse 22, 59302 Oelde (DE).
HORSTKÖTTER, Ludger [DE/DE]; Im Stustei 4a, 59320 Ennigerloh (DE).
- (74) **SPECHT, Peter** et al. / etc.; Jöllenbecker Strasse 164, 33613 Bielefeld (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
Published / Publiée : (c)
-
- (51)⁷ **B04B 7/08**
- (11) **WO 02/40176** (13) A1
- (21) PCT/SE01/02538
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 0004162-4 **14 Nov/nov 2000 SE (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A CENTRIFUGAL SEPARATOR AND A CENTRIFUGE ROTOR
- SEPARATEUR CENTRIFUGE ET ROTOR CENTRIFUGE
- (71) **ALFA LAVAL AB** [SE/SE]; S-147 80 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENRIKSSON, Roland** [SE/SE]; Sköldgatan 11, S-118 63 Stockholm (SE).
SZEPESSY, Stefan [SE/SE]; Byfogdevägen 8, S-141 39 Huddinge (SE).
- (74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B05B 1/12, B65D 83/14, A47G 29/02**
- (11) **WO 02/40177** (13) A1
- (21) PCT/NZ01/00260
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 508212 **17 Nov/nov 2000 NZ (17.11.2000)**
- (30) 508205 **17 Nov/nov 2000 NZ (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **DISPENSING MEANS**
- MOYEN DE DISTRIBUTION
- (71) **IPTECH LIMITED** [NZ/NZ]; 212 Marua Road, Ellerslie, Auckland 1005 (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCKLISKY, Nigel, Haig** [NZ/NZ]; 94 ladies Mile, Remuera, Auckland 1005 (NZ).
- (74) **PIETRAS, Anthony, Tony, Josef; A.J.** Pietras & Associates, 707 High Street, P.O. Box 30173, Lower Hutt 6009 (NZ).
- (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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B05B 7/00**
- (11) **WO 02/40178** (13) A2
- (21) PCT/US01/45488
- (22) **25 Oct/oct 2001 (25.10.2001)**
- (25) en (26) en
- (30) 09/716,883 **20 Nov/nov 2000 US (20.11.2000)**
- (30) 09/942,126 **29 Aug/août 2001 US (29.08.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **HIGH FLOW/LOW FLOW MIXING AND DISPENSING APPARATUS**
- DISTRIBUTEUR MÉLANGEUR POUR DÉBITS RAPIDES ET LENTS
- (71) **S. C. JOHNSON COMMERCIAL MARKETS, INC.** [US/US]; Neil E. Hamilton, Patent Section - M/S 510, 8310 16th Street, P.O. Box 902, Sturtevant, WI 53177-0902 (US).
- (72) **LOHR, James, H.;** 3110 Maurice Drive, Union Grove, WI 53182 (US).
- (74) **HAMILTON, Neil, E.;** S. C. Johnson Commercial Markets, Inc., Patent Section - M/S 510, 8310 16th Street, P.O. Box 902, Sturtevant, WI 53177-0902 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B05D**
- (11) **WO 02/40179** (13) A2
- (21) PCT/US01/45005
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/713,660 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **RAPID COMESTIBLE FLUID DISPENSING APPARATUS AND METHOD EMPLOYING A DIFFUSER**
- **DISPOSITIF ET PROCEDE DE DISTRIBUTION RAPIDE DE FLUIDES COMESTIBLES AU MOYEN D'UN DIFFUSEUR**
- (71) **SHURFLO PUMP MANUFACTURING COMPANY, INC.** [US/US]; 12650 Westminster Avenue, Santa Ana, CA 92706 (US).
- (74) **FELLOWS, Gerald, L.** et al. / etc.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Suite 3300, Milwaukee, WI 53202-4108 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B05D 1/02, 1/06, 1/28, 3/06**
- (11) **WO 02/40180** (13) A1
- (21) PCT/US01/44795
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,351 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **COATING WITH ANTI-MICROBIAL AGENT FOR REFRIGERATOR SHELVING**
- **REVETEMENT COMPRENANT UN AGENT ANTIMICROBIEN POUR ETAGERES DE REFRIGERATEUR**
- (71) **SSW HOLDING COMPANY, INC.** [US/US]; 3501 South Tulsa, Fort Smith, AR 72903 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRANOVICH, Richard, L.** [US/US]; 2223 Winding Hill Road, Davenport, IA 52807 (US).
- (74) **LOCKHART, Thomas, L.**; Varnum, Riddering, Schmidt & Howlett LLP, Bridgewater Place, P.O. Box 352, Grand Rapids, MI 49501-0352 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B05D 1/28, B05C 1/02, C08J 5/12, B01L 3/00, C09J 5/00, B29C 65/48**
- (11) **WO 02/40181** (13) A1
- (21) PCT/EP01/10093
- (22) **1 Sep/sep 2001 (01.09.2001)**
- (25) de (26) de
- (30) 100 56 908.0 **16 Nov/nov 2000 DE (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD FOR THE CONNECTION OF PLASTIC PIECES**
- **PROCEDE POUR ASSEMBLER DES PIECES EN MATIERE PLASTIQUE**
- (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) **JÖHNCK, Matthias** [DE/DE]; Dülmener Strasse 27a, 48163 Münster (DE).
- (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B05D 3/02, 7/22**
- (11) **WO 02/40182** (13) A1
- (21) PCT/US01/11830
- (22) **11 Apr/avr 2001 (11.04.2001)**
- (25) en (26) en
- (30) 60/248,880 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 60/249,023 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **RELEASING COATING SYSTEM FOR CRUCIBLES**
- **REVETEMENT ANTIADHERENT POUR CREUSETS**
- (71) **G.T. EQUIPMENT TECHNOLOGIES INC.** [US/US]; 472 Amherst Street, Nashua, NH 03053 (US).
- (72) **COSTANTINI, Michael**; 9 Madison Drive, Hudson, NH 03051 (US). **CHANDRA, Mohan**; 17 Hampstead Road, Merrimack, NH 03054 (US). **MATTHEI, Keith**; 26-H Bay Ridge Drive, Nashua, NH 03062 (US). **HARIHARAN, Alleppey**; 5 Overlook Drive, Nashua, NH 03060 (US).
- (74) **MAINE, Vernon** et al. / etc.; Maine & Asmus, P.O. Box 3445, Nashua, NH 03061-3445 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B05D 3/02, 5/08, 7/22**
- (11) **WO 02/40183** (13) A1
- (21) PCT/US01/47107
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,880 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 60/249,023 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 09/827,540 **6 Apr/avr 2001 US (06.04.2001)**
- (30) 60/290,150 **10 May/mai 2001 US (10.05.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **IMPROVED CRUCIBLE COATING SYSTEM**
- **AMELIORATIONS APORTEES A UN SYSTEME DE REVETEMENT PAR CREUSET**
- (71) **G.T. EQUIPMENT TECHNOLOGIES INC.** [US/US]; 472 Amherst Street, Nashua, NH 03053 (US).
- (72) **COSTANTINI, Michael**; 9 Madison Drive, Hudson, NH 03051 (US). **CHANDRA, Mohan**; 17 Hampstead Road, Merrimack, NH 03054 (US). **MATTHEI, Keith**; 51 French Mill Road, Hollis, NH 03049 (US). **HARIHARAN, Alleppey**; 5 Overlook Drive, Nashua, NH 03062 (US).
- (74) **MAINE, Vernon** et al. / etc.; Maine & Asmus, P.O. Box 3445, Nashua, NH 03061-3445 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

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(51)⁷ **B06B**

(11) **WO 02/40184** (13) A2

(21) PCT/EP01/13182

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 09/714,030 **15 Nov/nov 2000** US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MULTIDIMENSIONAL ULTRASONIC
TRANSDUCER ARRAYS

● RESEAUX DE TRANSDUCTEURS UL-
TRASONORES A PLUSIEURS DIMEN-
SIONS

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

(72) **DAVIDSEN, Richard**; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) **LOTJIN, Claudine**; INTERNATIONAAL
OCTROOIBUREAU B.V., Prof Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **B06B 1/02, H01L 21/60**

(11) **WO 02/40185** (13) A1

(21) PCT/JP01/10078

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) ja (26) ja

(30) 2000-352507 **20 Nov/nov 2000** JP
(20.11.2000)

(30) 2001-165707 **31 May/mai 2001** JP
(31.05.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND DEVICE FOR ULTRA-
SONIC VIBRATION

● PROCEDE ET DISPOSITIF DE PRO-
DUCTION DE VIBRATIONS ULTRA-
SONORES

(71) **SONY CORPORATION** [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

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

(72, 75) **TOMINAGA, Morio** [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP). **IWAHASHI, Shinji** [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP).

(74) **NAKAMURA, Tomoyuki**; c/o Miyoshi
International Patent Office, 9th Floor, Toranomon
Daichi Building, 2-3, Toranomon
1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

Published / Publiée : (a)

(51)⁷ **B07B 1/46, B01D 33/03**

(11) **WO 02/40186** (13) A1

(21) PCT/GB01/04667

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) en (26) en

(30) 09/716,176 **17 Nov/nov 2000** US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A SHALE SHAKER

● TAMIS VIBRANT

(71) **VARCO I/P, INC.** [US/US]; 2835 Holmes
Road, Houston, TX 77051 (US). **LUCAS,
Brian, Ronald** [GB/GB]; 135 Westhall Road,
Warlingham, Surrey CR6 9HJ (GB).

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

(72, 75) **SCHULTE, David, Lee** [US/US];
101 Antietam Avenue, Broussard, LA
70518 (US). **GRICHAR, Charles, New-
ton** [US/US]; 303 Graceland, Houston, TX
77009 (US).

(74) **LUCAS, Brian, Ronald**; 135 Westhall Road,
Warlingham, Surrey CR6 9HJ (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 NO NZ PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

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(51)⁷ **B07C 3/00**

(11) **WO 02/40187** (13) A2

(21) PCT/NL01/00820

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) nl (26) en

(30) 1016605 **14 Nov/nov 2000** NL
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND SYSTEM FOR DE-
LIVERING PRODUCTS WHICH HAVE
BEEN ORDERED VIA A COMMUNI-
CATION NETWORK

● PROCEDE ET SYSTEME DE LIVRAI-
SON DE PRODUITS COMMANDES
VIA UN RESEAU DE COMMUNICA-
TION

(71) **ELIVERIT B.V.** [NL/NL]; Koekoekslaan 2,
NL-2243 AT Wassenaar (NL).

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

(72, 75) **WORTELBOER, Stijn** [NL/NL];
Veenkade 59/60, NL-2513 EH The Hague
(NL). **VAN DER ARK, Jan, Boudewijn**
[NL/NL]; Vlierstraat 4, NL-2513 VJ The
Hague (NL).

(74) **PRINS, A., W.**; Vereenigde, Nieuwe Park-
laan 97, NL-2587 BN 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 NO NZ OM PH PL PT RO
RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ **B21B 37/00**

(11) **WO 02/40188** (13) A1

(21) PCT/JP01/10064

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-350828 **17 Nov/nov 2000** JP
(17.11.2000)

(30) 2001-321819 **19 Oct/oct 2001** JP
(19.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● DEPRESSING POSITION SETTING
METHOD FOR ROLLING PLATE

● PROCEDE DE REGLAGE DE POSI-
TION D'ACTION POUR LAMINAGE
DE TOLE

(71) **NIPPON STEEL CORPORATION**
[JP/JP]; 6-3, Otemachi 2-chome, Chiy-
oda-ku, Tokyo 100-8071 (JP).

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

(72, 75) **YAMADA, Kenji** [JP/JP]; C/O NIP-
PON STEEL CORPORATION, Techni-
cal Development Bureau, 20-1, Shintomi,
Futtsu-shi, Chiba 293-8511 (JP). **OGAWA,
Shigeru** [JP/JP]; C/O NIPPON STEEL
CORPORATION, Technical Development
Bureau, 20-1, Shintomi, Futtsu-shi, Chiba
293-8511 (JP). **ISHII, Atsushi** [JP/JP]; C/O
NIPPON STEEL CORPORATION, Techni-
cal Development Bureau, 20-1, Shintomi,
Futtsu-shi, Chiba 293-8511 (JP). **IKEDA,
Akihiro** [JP/JP]; C/O NIPPON STEEL
CORPORATION NAGOYA WORKS, 5-3,
Tokaimachi, Tokai-shi, Aichi 476-8686 (JP).
YAMAZAKI, Koichi [JP/JP]; C/O NIP-
PON STEEL CORPORATION NAGOYA
WORKS, 5-3, Tokaimachi, Tokai-shi, Aichi
476-8686 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI,
ISHIDA & ASSOCIATES, Toranomon 37
Mori Bldg., 5-1, Toranomon 3-chome, Mi-
nato-ku, Tokyo 105-8423 (JP).

(81) AU CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **B21B 45/02, C23G 5/00, B08B 6/00, 7/00**

(11) **WO 02/40189** (13) A1

(21) PCT/EP01/11280

(22) **29 Sep/sep 2001 (29.09.2001)**

(25) de (26) de

(30) 100 57 293.6 **17 Nov/nov 2000** DE
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR PRODUCING AN ALUMINIUM FILM FROM AN ALUMINIUM MATERIAL

• PROCEDE ET DISPOSITIF DE FABRICATION D'UNE FEUILLE D'ALUMINIUM A PARTIR D'UN MATERIAU D'ALUMINIUM

(71) **VAW ALUMINIUM AG** [DE/DE]; Georg-von-Boeselager-Strasse 25, 53117 Bonn (DE).

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

(72, 75) **BUDDENBERG, Heino** [DE/DE]; Moerser Strasse 60, 47447 Moers (DE). **KRAMER, Andreas** [DE/DE]; Martin-Luther-King-Strasse 2, 52148 Würselen (DE). **SEIFERTH, Oliver** [DE/DE]; Buntspechtweg 35, 53123 Bonn (DE).

(74) **COHAUSZ & FLORACK (24)**; Kanzlerstrasse 8a, 40472 Düsseldorf (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B21D 1/02, 1/05**

(11) **WO 02/40190** (13) A1

(21) PCT/FR01/03398

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) fr (26) fr

(30) 00/14746 **15 Nov/nov 2000 FR (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR ADJUSTING A FLATTENER UNDER TRACTION AND CORRESPONDING DEVICE

• PROCEDE DE REGLAGE D'UNE PLANEUSE SOUS TRACTION ET DISPOSITIF CORRESPONDANT

(71) **USINOR** [FR/FR]; Immeuble La Pacific, La Défense 7, 11-13, cours Valmy, F-92800 Puteaux (FR).

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

(72, 75) **TONDO, Fabrice** [FR/FR]; 18, rue Clémenceau, F-57185 Vitry sur Orne (FR). **BOURGON, Jacques, Yves** [FR/FR]; 9, rue Edgar Reyle, F-57070 Metz (FR). **VIENOT, Pierre** [FR/FR]; 76, rue de Queuleu, F-57070 Metz (FR). **AUSSOURD, Christian** [FR/FR]; 27, rue Jules Guesde, F-44610 Indre (FR).

(74) **JACOBSON, Claude**; 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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B21D 1/02**

(11) **WO 02/40191** (13) A2

(21) PCT/FR01/03557

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) fr (26) fr

(30) 00/14821 **17 Nov/nov 2000 FR (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR CALIBRATING A MULTIPLE-ROLLER FLATTENER

• DISPOSITIF ET PROCEDE DE CALIBRAGE D'UNE PLANEUSE MULTI-ROULEAUX

(71) **USINOR SA** [FR/FR]; Immeuble "La Pacific", La Défense 7, 11/13, cours Valmy, f-92800 Puteaux (FR).

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

(72, 75) **TONDO, Fabrice** [FR/FR]; 18, rue Clémenceau, F-57185 Vitry sur Orne (FR). **BOURGON, Jacques-Yves** [FR/FR]; 9, rue Edgar Reyle, F-57070 Metz (FR). **BONNET, Dominique** [FR/FR]; 15, rue de la Reine, F-57640 Vigy (FR). **NOARDO, Christophe** [FR/FR]; 1, rue Charles Pêtre, F-57000 Metz (FR). **PETIG, Gilbert** [FR/FR]; 48, rue de la Croix d'Orée, F-57050 Plappeville (FR). **VIENOT, Pierre** [FR/FR]; 76, rue de Queuleu, F-57070 Metz (FR).

(74) **LECLAIRE, Jean-Louis**; Cabinet Ballet, Technopôle Metz 2000, 9, rue Claude Chappe, F-57070 Metz (FR).

(81) AU BG BR BY CA CN CZ GE HR HU ID IN JP KR MX NO PL RO RU SI SK TR UA US VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B21D 51/32**

(11) **WO 02/40192** (13) A1

(21) PCT/DE01/04295

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) de (26) de

(30) 100 57 142.5 **17 Nov/nov 2000 DE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • LONG TERM STABILITY OF FILLINGS IN A TWO PIECE BEVERAGE CONTAINER

• STABILITE A LONG TERME D'UNE SUBSTANCE DE REMPLISSAGE CONTENUE DANS UNE BOITE-BOISSON EN DEUX PARTIES

(71) **SCHMALBACH-LUBECA AG** [DE/DE]; Kaiserswerther Strasse 115, 40880 Ratingen (DE).

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

(72, 75) **KUTSCHAN, Reinhard** [DE/DE]; Adalbert-Stifter-Strasse 18, 38239 Salzgitter (DE). **KOEPPE, Sabine** [DE/DE]; Bruchhausener Strasse 2c, 53572 Unkel (DE). **NOLL, Werner** [DE/DE]; Im Hansengarten 5, 56412 Huebingen (DE). **KRAUSE, Jens** [DE/DE]; Am Burgberg 5, 51580 Reichshof (DE).

(74) **LEONHARD OLGEMOELLER FRICKE** et al. / etc.; Postfach 10 09 57, 80083 Muenchen (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B21D 51/38**

(11) **WO 02/40193** (13) A2

(21) PCT/US01/45517

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/716,543 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • AEROSOL CAN ENDS

• EXTREMITES D'UN GENERATEUR D'AEROSOL

(71) **ALFONS HAAR INC.** [US/US]; 2658 Kohnle Dr., Miamisburg, OH 45342 (US).

(72) **TURNER, Stephen, B.**; 1264 Waterwyck, Centerville, OH 45458 (US). **HOYING, Carl, W.**; 10 Northridge, Springboro, OH 45066 (US).

(74) **STEVENS, Richard, C.** et al. / etc.; Stevens & Showalter, L.L.P., 7019 Corporate Way, Dayton, OH 45459-4238 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B21K 21/16, B23P 17/04, 11/00, 11/02, C03B 11/06, F16K 51/00, B25G 3/18**

(11) **WO 02/40194** (13) A1

(21) PCT/US01/51256

(22) **25 Oct/oct 2001 (25.10.2001)**

(25) en (26) en

(30) 09/713,724 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • QUICK CHANGE CONNECTOR FOR PLUNGER FOR GLASS CONTAINER FORMING PROCESS AND EQUIPMENT

• RACCORD D'ÉCHANGE RAPIDE DU POINÇON-ÉBAUCHEUR POUR LES PROCÉDÉS ET DISPOSITIFS DE FORMATION DE RÉCIPIENTS EN VERRE
(71, 72) **KOZORA, Joseph, W.** [US/US]; 126 Whitaker Lane, Saxonburg, PA 16056 (US).

(74) **HANSON, David, C.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **B21L 3/00**

(11) **WO 02/40195** (13) A1

(21) PCT/SE01/02498

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) sv (26) en

(30) 0004164-0 **14 Nov/nov 2000 (14.11.2000)** SE

(43) 23 May/mai 2002 (23.05.2002)

(54) • A HEAT CONDUCTING ARRANGEMENT
• SYSTEME DE CONDUCTION DE CHALEUR

(71, 72) **WAHLBECK, Hans, Gustav, Erik** [SE/SE]; Överselö Prästgård, S-640 61 Stal-larholmen (SE).

(74) **EMTEDAL, Artur** et al. / etc.; L.A.Groth & Co.KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B22C**

(11) **WO 02/40196** (13) A2

(21) PCT/US01/48467

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) en (26) en

(30) 09/702,446 **31 Oct/oct 2000 (31.10.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • MOLDING SYSTEM WITH MOVABLE MOLD MODULES

• SYSTEME DE MOULAGE A MODULES DE MOULES MOBILES

(71, 72) **AREND, Donald P.** [US/US]; 7747 Aspenwood Dr. SE, Ada, MI 49301 (US).

(74) **VAN DYKE, Daniel** et al. / etc.; Van Dyke, Gardner, Linn & Burkhart, LLP, 2851 Charlevoix Drive S.E., Suite 207, P.O. Box 888695, Grand Rapids, MI 49588-8695 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **B22D**

(11) **WO 02/40197** (13) A2

(21) PCT/US01/47043

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 09/726,720 **15 Nov/nov 2000 (15.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • REFINING AND CASTING APPARATUS AND METHOD
• APPAREIL ET PROCEDE DE RAFFINAGE ET DE COULEE

(71) **ATI PROPERTIES, INC.** [US/US]; 1600 N.E. Old Salem Roal, Albany, OR 97321 (US).

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

(72, 75) **FORBES, Jones, Robin, M.** [US/US]; 11700 Guilane Court, Charlotte, NC 28277 (US). **KENNEDY, Richard, L.** [US/US]; 206 Macedonia Church Road, Monroe, NC 28112 (US). **MINISANDRAM, Ramesh, S.** [ID/US]; 2614 Bathgate Lane, Matthews, NC 28105 (US).

(74) **VICCARO, Patrick, J.**; Allegheny Technologies Incorporated, 1000 Six PPG 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D 11/04**

(11) **WO 02/40198** (13) A2

(21) PCT/EP01/12682

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) de (26) de

(30) 100 57 037.2 **17 Nov/nov 2000 (17.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR CONTINUOUSLY CASTING METALS, ESPECIALLY STEEL

• PROCEDE ET DISPOSITIF POUR LA COULEE CONTINUE DE METAUX, EN PARTICULIER L'ACIER

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).

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

(72, 75) **WEYER, Axel** [DE/DE]; Nachtigallenweg 47, 42349 Wuppertal (DE). **ZAJBER, Adolf** [DE/DE]; Gartenstrasse 7, 40764 Langenfeld (DE). **BECKER, Martin** [DE/DE]; Rothhäuser Weg 1, 40629 Düsseldorf (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihlske, Grosse, Hammerstrasse 2, 57072 Siegen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D 11/049**

(11) **WO 02/40199** (13) A2

(21) PCT/CA01/01628

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/713,593 **15 Nov/nov 2000 (15.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS OF AND APPARATUS FOR INGOT COOLING DURING DIRECT CASTING OF METALS

• PROCEDE ET APPAREIL DE REFROIDISSEMENT DE LINGOTS LORS DE LA COULEE DE METAUX EN PREMIERE FUSION

(63) US 09/713,593 (CIP)
15 Nov/nov 2000 (15.11.2000)

(71) **ALCAN INTERNATIONAL LIMITED** [CA/CA]; 1188 Sherbrooke Street West, Montreal, Québec H3A 3G2 (CA).

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

(72, 75) **LANGLAIS, Joseph** [CA/CA]; 2140 Pasteur, Jonquiere, Québec G7X 4G5 (CA).
BELLEY, Luc [CA/CA]; 3483 Jo Fraser, Jonquiere, Québec G7X 1G4 (CA).

(74) **GALE, Edwin, J.** et al. / etc.; Kirby Eades Gale Baker, Box 3432, Station D, Ottawa, Ontario K1P 6N9 (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D 11/06**

(11) **WO 02/40200** (13) A1

(21) PCT/EP01/12912

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) de (26) de

(30) 100 56 916.1 **16 Nov/nov 2000 DE (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR CONTINUOUSLY CASTING A METAL STRIP
• PROCEDE DE COULEE CONTINUE D'UN FEUILLARD METALLIQUE

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).
MAIN MANAGEMENT INSPIRATION AG [CH/CH]; Sonnhaldenstrasse 51, CH-6052 Hergiswil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STREUBEL, Hans** [DE/DE]; Schlüterstrasse 30, 40699 Erkrath (DE).
BALD, Wilfried [DE/DE]; Ferndorfstrasse, 57271 Hilchenbach (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihlske, Grosse, Hammerstrasse 2, 57072 Siegen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **B22D 11/12**

(11) **WO 02/40201** (13) A2

(21) PCT/EP01/13229

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 57 160.3 **16 Nov/nov 2000 DE (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR PRODUCING THIN SLABS
• PROCEDE ET DISPOSITIF DE FABRICATION DE BRAMES MINCES

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).
ACERIA COMPACTA DE BIZKAIA S.A. [ES/ES]; c/Chávarri, N°6, E-48910 Sestao (ES).

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

(72, 75) **RITTNER, Karl** [DE/DE]; Hofstrasse 154 B, 40723 Hilden (DE).
MÜLLER, Jürgen [DE/DE]; Büdlicher Strasse 17a, 41564 Kaarst (DE).
VERGNIORY, D., Fernando [ES/ES]; Belatza, 55, E-48990 Santa M de Guecho (ES).
VILLAREAL GUTIÉRREZ, Armando [ES/ES]; Silvestre Ochoa, 16B-6°B, E-39700 castro Urdiales (ES).
SAGASTI, Pedro [ES/ES]; Avda. Zugazarte, 37-4°D, E-48930 Las Arenas (ES).

(74) **VALENTIN, Ekkehard**; Valentin, Gihlske, Grosse, Hammerstrasse 2, 57072 Siegen (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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B22D 19/00**

(11) **WO 02/40202** (13) A1

(21) PCT/DE01/04003

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) de (26) de

(30) 100 57 366.5 **18 Nov/nov 2000 DE (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF PRODUCING BY CASTING A PISTON WITH A COOLED RING CARRIER

• PROCEDE POUR PRODUIRE PAR COULEE UN PISTON COMPORTANT UN SUPPORT ANNULAIRE REFROIDI

(71) **MAHLE GMBH** [DE/DE]; Pragstr. 26-46, 70376 Stuttgart (DE).

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

(72, 75) **RÜHLE, Martin** [DE/DE]; Römerstr. 13, 70180 Stuttgart (DE).

(74) **MAHLE GMBH**; Patentabteilung, Pragstrasse 26-46, 70376 Stuttgart (DE).

(81) BR JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **B22D 35/00, 37/00, G01F 1/06, C04B 35/478**

(11) **WO 02/40203** (13) A1

(21) PCT/JP01/05571

(22) **28 Jun/juin 2001 (28.06.2001)**

(25) ja (26) ja

(30) 2000-353386 **20 Nov/nov 2000 JP (20.11.2000)**

(30) 2001-27436 **2 Feb/fév 2001 JP (02.02.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MOLTEN METAL FEEDER AND MEMBER MADE OF ALUMINUM TITANATE CERAMIC WITH IMPROVED UNWETTABILITY

• DISTRIBUTEUR DE METAL FONDU ET ELEMENT EN CERAMIQUE DE TITANATE D'ALUMINIUM A NON MOUILLABILITE AMELIOREE

(71) **JAPAN FINE CERAMICS CENTER** [JP/JP]; 4-1, Mutsuno 2-chome, Atsuta-ku, Nagoya-shi, Aichi 456-5587 (JP).
KMC CO., LTD. [JP/JP]; 1236-27, Kamiike-cho 2-chome, Toyota-shi, Aichi 471-0804 (JP).
ROOT CO., LTD. [JP/JP]; 116, Urasato 3-chome, Midori-ku, Nagoya-shi, Aichi 458-0847 (JP).
KIMURA CO., LTD. [JP/JP]; 581, Bouzuyama 1-chome, Yokone-cho, Obu-shi, Aichi 474-0011 (JP).
YUSHIN KOSAN CO., LTD. [JP/JP]; 28-15, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0841 (JP).
MARUSU GLAZE CO., LTD. [JP/JP]; 9, Koseto-cho, Seto-shi, Aichi 489-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITAOKA, Satoshi** [JP/JP]; c/o JAPAN FINE CERAMICS CENTER, 4-1, Mutsuno 2-chome, Atsuta-ku, Nagoya-shi, Aichi 456-5587 (JP).
KASHIWAGI, Kazumi [JP/JP]; c/o JAPAN FINE CERAMICS CENTER, 4-1, Mutsuno 2-chome, Atsuta-ku, Nagoya-shi, Aichi 456-5587 (JP).
NANJO, Fusayuki [JP/JP]; c/o JAPAN FINE CERAMICS CENTER, 4-1, Mutsuno 2-chome, Atsuta-ku, Nagoya-shi, Aichi 456-5587 (JP).
KAWAMOTO, Hiroshi [JP/JP]; c/o JAPAN FINE CERAMICS CENTER, 4-1, Mutsuno 2-chome, Atsuta-ku, Nagoya-shi, Aichi 456-5587 (JP).
NODA, Katsutoshi [JP/JP]; c/o JAPAN FINE CERAMICS CENTER, 4-1, Mutsuno 2-chome, Atsuta-ku, Nagoya-shi, Aichi 456-5587 (JP).
KUME, Toshio [JP/JP]; c/o KMC CO., LTD., 1236-27, Kamiike-cho 2-chome, Toyota-shi, Aichi 471-0804 (JP).
KIMURA, Masane [JP/JP]; c/o ROOT CO., LTD., 116, Urasato 3-chome, Midori-ku, Nagoya-shi, Aichi 458-0847 (JP).
KIMURA, Masaharu [JP/JP]; c/o KIMURA CO., LTD., 581, Bouzuyama 1-chome, Yokone-cho, Obu-shi, Aichi 474-0011 (JP).
KAWASAKI, Yuji [JP/JP]; c/o YUSHIN KOSAN CO., LTD., 28-15, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0841 (JP).
SUZUKI, Itsuo [JP/JP]; c/o MARUSU

GLAZE CO., LTD., 9, Koseto-cho, Seto-shi, Aichi 489-0032 (JP). **SUZUKI, Sadahiko** [JP/JP]; c/o MARUSU GLAZE CO., LTD., 9, Koseto-cho, Seto-shi, Aichi 489-0032 (JP).

(74) **OKADA, Hidehiko** et al. / etc.; Nagoya Chamber of Commerce & Industry Building, 10-19, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) CA DE JP US.

(51)⁷ B22F

(11) **WO 02/40204** (13) A2

(21) PCT/US01/44242

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/711,981 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • HYDRAULIC MODULAR MANUFACTURING SYSTEM

• SYSTEME DE FABRICATION MODULAIRE HYDRAULIQUE

(71) **MATERIALS INNOVATION, INC.** [US/US]; 17 Interchange Drive, West Lebanon, NH 03784 (US).

(72) **BEAN, Glenn, L.;** 71 Stevens Road, Hanover, NH 03755 (US).

(74) **WASSERMAN, Fran, S.;** 17 Interchange Drive, West Lebanon, NH 03784 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ B22F 3/22, C22C 32/00, A44C 27/00

(11) **WO 02/40205** (13) A2

(21) PCT/US01/50370

(22) **18 Oct/oct 2001 (18.10.2001)**

(25) en (26) en

(30) 09/712,037 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COLORED METAL CLAY AND COLORED METALS

• ARGILE COLOREE A BASE DE METAUX ET METAUX COLORES

(71) **BOARD OF TRUSTEES OF UNIVERSITY OF ILLINOIS** [US/US]; 352 Henry Administration Building, 506 S. Wright, Urbana, IL 61801 (US).

(72) **THEIDE, Billie Jean;** 317 Elmwood Drive, Champaign, IL 61821 (US). **VISGIRDA, Rimantas, Tadas;** 317 Elmwood Drive, Champaign, IL 61821 (US).

(74) **BLANCHARD, Jonathan, M.;** Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ B23B 51/00

(11) **WO 02/40206** (13) A1

(21) PCT/JP01/02708

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-346953 **14 Nov/nov 2000 JP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SMALL DRILL

• PETIT FORET

(71) **MITSUBISHI MATERIALS CORPORATION** [JP/JP]; 1-5-1, OHTEMACHI, CHIYODA-KU, Tokyo 100-8117 (JP).

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

(72, 75) **Kaneko, Kazuhiro** [JP/JP]; C/O Tsukuba Plant, Mitsubishi Materials Corporation, 1511, Ooaza Furumagi, Ishige-machi, Yuuki-gun, Ibaraki 300-2795 (JP). **Odani, Niro** [JP/JP]; C/O Tsukuba Plant, Mitsubishi Materials Corporation, 1511, Ooaza Furumagi, Ishige-machi, Yuuki-gun, Ibaraki 300-2795 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ B23D 61/18, 65/00, C25D 1/02

(11) **WO 02/40207** (13) A1

(21) PCT/IB01/02161

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 2000/6726 **17 Nov/nov 2000 ZA (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CUTTING WIRE

• FIL DE COUPE

(71) **SCHRITTWIESER, Robert** [ZA/ZA]; 104 Van Buuren Road, Bedfordview, Gauteng Province (ZA).

(72, 75) **SCHRITTWIESER, Karl** [DE/ZA]; 104 Van Buuren Road, Bedfordview, Gauteng Province (ZA).

(74) **JOHN & KERNICK;** Halfway House, P.O. Box 3511, Midrand, 1685 Gauteng Province (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B23H 7/02

(11) **WO 02/40208** (13) A1

(21) PCT/JP00/08138

(22) **20 Nov/nov 2000 (20.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR ELECTRODISCHARGE WIRE MACHINING

• PROCEDE ET DISPOSITIF D'USINAGE PAR ETINCELAGE

(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) **GOTO, Akihiro** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CH CN DE JP KR US.

(51)⁷ B23H 7/02

(11) **WO 02/40209** (13) A1

(21) PCT/JP00/08139

(22) **20 Nov/nov 2000 (20.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR ELECTRODISCHARGE WIRE MACHINING

• PROCEDE ET APPAREIL POUR L'USINAGE PAR DECHARGE ELECTRIQUE A FIL

(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) **GOTO, Akihiro** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MAGARA, Takuji** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CH CN DE JP KR US.

(51)⁷ **B23K 20/04, 20/233**

(11) **WO 02/40210** (13) A2

(21) PCT/GB01/05005

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0027706.1 **14 Nov/nov 2000 GB (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMPOSITE ALUMINIUM SHEET
• TOLE D'ALUMINIUM COMPOSITE

(71) **ALCAN INTERNATIONAL LIMITED** [CA/CA]; 1188 Sherbrooke Street West, Montreal, Quebec H3A 3G2 (CA).

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

(72, 75) **HEWETT, Ian, P.** [GB/US]; 10 Ball Mill Place, Atlanta 30350-4319 (GB). **GRAY, Alan** [GB/GB]; 5 Red House Road, Bodicote, Banbury, Oxon OX15 4BB (GB). **DAVIS, Keith, G.** [GB/GB]; 23 Coopers Gate, Banbury, Oxon OX16 7EQ (GB).

(74) **EASTWOOD, Simon, Christopher;** Stevens, Hewlett & Perkins, 1 St. Augustine's Place, Bristol BS1 4UD (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B23K 26/14**

(11) **WO 02/40211** (13) A1

(21) PCT/AT01/00157

(22) **18 May/mai 2001 (18.05.2001)**

(25) de (26) de

(30) A 1936/2000 **16 Nov/nov 2000 AT (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR A LASER-HYBRID WELDING PROCESS

• DISPOSITIF DESTINE A UN PROCEDE DE SOUDURE HYBRIDE

(71) **FRONIUS SCHWEISSMASCHINEN PRODUKTION GMBH & CO. KG** [AT/AT]; Nr. 89, A-4643 Pettenbach (AT).

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

(72, 75) **STAUFER, Herbert** [AT/AT]; Hubertusstrasse 11, A-4470 Enns (AT). **RÜHRNÖSSL, Manfred** [AT/AT]; Negrelliweg 23, A-4030 Linz (AT). **MIESBACHER, Gerhard** [AT/AT]; Florianigasse 7/4, A-4616 Weisskirchen (AT). **HUBINGER, Manfred**

[AT/AT]; Strasserbauerberg 18, A-4550 Kremsmünster (AT). **HABERLER, Wolfgang** [AT/AT]; Fischböckau 46, A-4655 Vorchdorf (AT). **BERGER, Ewald** [AT/AT]; Wimpassinger Strasse 28/1, A-4600 Wels (AT).

(74) **SECKLEHNER, Günter;** Pyhrnstrasse 1, A-8940 Liezen (AT).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **B23K 35/02**

(11) **WO 02/40212** (13) A2

(21) PCT/US01/44881

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 09/716,568 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • BRAZING FOIL PREFORMS AND THEIR USE IN THE MANUFACTURE OF HEAT EXCHANGERS

• PREFORMES DE FEUILLES DE BRASAGE ET LEUR UTILISATION DANS LA FABRICATION D'ÉCHANGEURS THERMIQUES

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **RABINKIN, Anatol;** 78 Brooklawn Drive, Morris Plains, NJ 07950 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B23K 35/26, C22C 13/00**

(11) **WO 02/40213** (13) A1

(21) PCT/GB00/04365

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • LEAD-FREE SOLDERS

• BRASURES SANS PLOMB

(71) **H-TECHNOLOGIES GROUP INCORPORATED** [US/US]; 5325 Naiman Parkway, Cleveland, OH 44139 (US). **SINGAPORE ASAHI CHEMICAL AND SOLDER INDUSTRIES PTE. LTD.** [SG/SG]; 17 Pandan Road, Singapore 609288 (SG).

(71, 72) **MEDDLE, Alan, Leonard** [GB/GB]; 52 Bounds Green Road, London N11 2EY (GB). *(only for / seulement pour ZW)*

(72) **HWANG, Jennie, S.;** Three Cableknoll Lane, Morelands Hills, OH 44022 (US). **GUO, Zhenfeng;** 34300 Park East Drive, B3, Solon, OH 44139 (US).

(74) **MEDDLE, Alan, L.;** Forrester Ketley & Co., Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **B23P 19/00, 21/00, B65G 1/133**

(11) **WO 02/40214** (13) A1

(21) PCT/JP01/09197

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) ja (26) ja

(30) 2000-346698 **14 Nov/nov 2000 JP (14.11.2000)**

(30) 2000-346700 **14 Nov/nov 2000 JP (14.11.2000)**

(30) 2001-175045 **11 Jun/juin 2001 JP (11.06.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR STOCKING/EXTRACTING PART

• DISPOSITIF PERMETTANT DE STOCKER/EXTRAIRE UNE PARTIE

(71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAHIRA, Hiroki** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). **TAKADA, Kazutoshi** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). **SUGIZONO, Tetsuo** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). **INAKI, Katsumune** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama

- 350-1331 (JP). **NITTA, Masao** [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP).
- (74) **SATO, Tatsuhiro** et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23P 21/00, F01N 3/28**
- (11) **WO 02/40215** (13) A1
- (21) PCT/JP01/10003
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351679 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ASSEMBLY METHOD UTILIZING DISPLAY INFORMATION, AND ASSEMBLY FABRICATED BY THE ASSEMBLY METHOD
- PROCEDE D'ASSEMBLAGE A L'AIDE D'INFORMATIONS D'AFFICHAGE ET ENSEMBLE FABRIQUE SELON LEDIT PROCEDE D'ASSEMBLAGE
- (71) **NGK INSULATORS, LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ICHIKAWA, Yukihito** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **ITO, Eiji** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **IKESHIMA, Koichi** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **MIWA, Masayoshi** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **TOSA, Shinichi** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO., 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **SUGIYAMA, Tomomi** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO., 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) **WATANABE, Kazuhira**; 3rd Fl. No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23P 21/00, F01N 3/28**
- (11) **WO 02/40215** (13) A1
- (21) PCT/JP01/10003
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351679 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ASSEMBLY METHOD UTILIZING DISPLAY INFORMATION, AND ASSEMBLY FABRICATED BY THE ASSEMBLY METHOD
- PROCEDE D'ASSEMBLAGE A L'AIDE D'INFORMATIONS D'AFFICHAGE ET ENSEMBLE FABRIQUE SELON LEDIT PROCEDE D'ASSEMBLAGE
- (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) **ICHIKAWA, Yukihito** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **ITO, Eiji** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **IKESHIMA, Koichi** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **ISHIKAWA, Masayasu** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) **WATANABE, Kazuhira**; 3rd Fl. No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23P 21/00**
- (11) **WO 02/40217** (13) A1
- (21) PCT/JP01/10005
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351680 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ASSEMBLY AND PROCESSING METHODS UTILIZING DISPLAY INFORMATION, AND ASSEMBLY FABRICATED BY THE ASSEMBLY METHOD
- PROCEDES D'ASSEMBLAGE ET DE TRAITEMENT METTANT EN OEUVRE DES INFORMATIONS D'AFFICHAGE ET ASSEMBLAGE FABRIQUE AU MOYEN DUDIT PROCEDE
- (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) **ICHIKAWA, Yukihito** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **ITO, Eiji** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) **WATANABE, Kazuhira**; 3rd Fl. No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B24B 13/00, 17/02**
- (11) **WO 02/40218** (13) A1
- (21) PCT/CN01/01501
- (22) **24 Oct/oct 2001 (24.10.2001)**
- (25) zh (26) zh
- (30) 00 1 32770.4 **17 Nov/nov 2000 CN (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND APPARATUS FOR TRACE PERFORMING PARTS WITH ASPHERICAL SURFACES
- PROCEDE ET APPAREIL DE TRACE FORMANT DES PARTIES A SURFACE NON SPHERIQUE
- (71, 72) **PIAO, Chenghao** [CN/CN]; Rom 404/24, No.7 Weixing Road, Chaoyang District, 130022 Changchun, Jilin Province (CN).
- (72, 75) **CAI, Li** [CN/CN]; Rom 404/24, No.7 Weixing Road, Chaoyang District, 130022 Changchun, Jilin Province (CN).
- (74) **LUNG TIN INT'L PATENT & TRADE-MARK 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 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 PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
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(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • **WELDING ELECTRODE POLISHING
MACHINE**

• **MACHINE À POLIR LES ÉLEC-
TRODES DE SOUDAGE**

(71) **JAPAN SCIENCE AND TECHNOLOGY
CORPORATION** [JP/JP]; 1-8, Honmachi
4-chome, Kawaguchi-shi, Saitama 332-0012
(JP). **FUJIKIN INCORPORATED** [JP/JP];
3-2, Itachibori 2-chome, Nishi-ku, Osaka-shi,
Osaka 550-0012 (JP).

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

(72, 75) **IKEDA, Nobukazu** [JP/JP]; Fujikin
Incorporated, 3-2, Itachibori 2-chome,
Nishi-ku, Osaka-shi, Osaka 550-0012
(JP). **MORIMOTO, Akihiro** [JP/JP]; Fu-
jikin Incorporated, 3-2, Itachibori 2-chome,
Nishi-ku, Osaka-shi, Osaka 550-0012 (JP).
KOMEHANA, Katunori [JP/JP]; Fu-
jikin Incorporated, 3-2, Itachibori 2-chome,
Nishi-ku, Osaka-shi, Osaka 550-0012 (JP).
HONIDEN, Teruo [JP/JP]; Fujikin Incor-
porated, 3-2, Itachibori 2-chome, Nishi-ku,
Osaka-shi, Osaka 550-0012 (JP).

(74) **SUGIMOTO, Takeo** et al. / etc.; Kit-
ahama-Katano Bldg., 1-21, Kitahama
2-chome, Chuo-ku, Osaka-shi, Osaka
541-0041 (JP).

(81) CA CN IL KR SG US.

(84) EP (CH DE FR GB IT NL).

(51)⁷ **B25B 27/30**

(11) **WO 02/40220** (13) A1

(21) PCT/FR01/03628

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) fr (26) fr

(30) 00/14958 **20 Nov/nov 2000** FR
(**20.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **METHOD AND DEVICE FOR MOUNT-
ING AND DISMANTLING A SUSPEN-
SION SYSTEM**

• **PROCEDE ET DISPOSITIF DE MON-
TAGE ET DEMONTAGE D'UN SYS-
TEME DE SUSPENSION**

(71) **FACOM** [FR/FR]; Société Anonyme, 6/8,
rue Gustave-Eiffel, F-91420 Morangis (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **BARRIERE, Thierry** [FR/FR]; 94, rue
Maximilien, F-91550 Paray Vieille Poste
(FR). **LEFEVRE, Claude** [FR/FR]; 2, rue
Andral, F-95330 Domont (FR).

(74) **CABINET WAGRET**; 19, rue de Milan,
F-75009 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ **B25J**

(11) **WO 02/40221** (13) A2

(21) PCT/US01/50788

(22) **25 Oct/oct 2001 (25.10.2001)**

(25) en (26) en

(30) 09/714,074 **16 Nov/nov 2000** US
(**16.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **APPARATUS AND METHOD FOR
TRANSFERRING SECONDARY CUR-
RENT ACROSS A ROBOTIC TOOL
CHANGER**

• **APPAREIL ET PROCEDE PERMET-
TANT DE TRANSFERER UN COUR-
RANT SECONDAIRE A TRAVERS UN
CHANGEUR D'OUTIL ROBOTIQUE**

(71) **ATI INDUSTRIAL AUTOMATION, INC.**
[US/US]; Peachtree Center, 503-D Highway
70 East, Garner, NC 27529 (US).

(74) **COATS, Larry, L.** et al. / etc.; Coats & Ben-
nett, PLLC, Post Office Box 5, Raleigh, NC
27602 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.

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

(51)⁷ **B25J 5/00**

(11) **WO 02/40222** (13) A1

(21) PCT/JP01/10013

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-350618 **17 Nov/nov 2000** JP
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **DEVICE AND METHOD FOR CON-
TROLLING MOTION OF LEGGED**

**MOBILE ROBOT, AND MOTION
UNIT GENERATING METHOD FOR
LEGGED MOBILE ROBOT**

• **DISPOSITIF ET PROCEDE DE COM-
MANDE DES MOUVEMENTS D'UN
ROBOT MARCHEUR MOBILE ET PRO-
CEDE DE GENERATION D'UNITES DE
MOUVEMENT DESTINEES A UN RO-
BOT MARCHEUR MOBILE**

(71) **SONY CORPORATION** [JP/JP]; 7-35,
KITASHINAGAWA 6-CHOME, SHINA-
GAWA-KU, Tokyo 141-0001 (JP).

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

(71, 72) **YAMAGUCHI, Jinichi** [JP/JP];
5-14-38, TAMADAIRA, HINO-SHI, Tokyo
191-0062 (JP).

(72, 75) **KUROKI, Yoshihiro** [JP/JP]; c/o SONY
CORPORATION, 7-35, KITASHINA-
GAWA 6-CHOME, SHINAGAWA-KU,
Tokyo 141-0001 (JP). **ISHIDA, Tatsuzo**
[JP/JP]; c/o SONY CORPORATION, 7-35,
KITASHINAGAWA 6-CHOME, SHINA-
GAWA-KU, Tokyo 141-0001 (JP).

(74) **YAMADA, Eiji** et al. / etc.; Sawada, Miyata
& Yamada Patent Office, Ginza TK Bldg., 6F,
1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-
0041 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **B25J 5/00**

(11) **WO 02/40223** (13) A1

(21) PCT/JP01/10025

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-350923 **17 Nov/nov 2000** JP
(**17.11.2000**)

(30) 2000-352158 **20 Nov/nov 2000** JP
(**20.11.2000**)

(30) 2001-277084 **12 Sep/sep 2001** JP
(**12.09.2001**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **LEGGED MOBILE ROBOT AND CON-
TROL METHOD THEREOF, LEG
STRUCTURE OF LEGGED MOBILE
ROBOT, AND MOBILE LEG UNIT FOR
LEGGED MOBILE ROBOT**

• **ROBOT MOBILE A DEUX JAMBES
ET SON PROCEDE DE COMMANDE,
SA STRUCTURE JAMBES, ET UNITE
JAMBE MOBILE DESTINEE A CE RO-
BOT**

(71) **SONY CORPORATION** [JP/JP]; 7-35,
KITASHINAGAWA 6-CHOME, SHINA-
GAWA-KU, Tokyo 141-0001 (JP).

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

(71, 72) **YAMAGUCHI, Jinichi** [JP/JP];
5-14-38, TAMADAIRA, HINO-SHI, Tokyo
191-0062 (JP).

(72, 75) **MORI, Naoto** [JP/JP]; c/o SONY
CORPORATION, 7-35, KITASHINA-
GAWA 6-CHOME, SHINAGAWA-KU,
Tokyo 141-0001 (JP). **HATTORI, Yuichi**
[JP/JP]; c/o SONY CORPORATION, 7-35,
KITASHINAGAWA 6-CHOME, SHINA-
GAWA-KU, Tokyo 141-0001 (JP).

- (74) **YAMADA, Eiji** et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 6F, 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B25J 5/00**
- (11) **WO 02/40224** (13) A1
- (21) PCT/JP01/10026
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-352011 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **GAIT PATTERN GENERATING DEVICE FOR LEGGED MOBILE ROBOT**
- **DISPOSITIF GENERATEUR D'UN MODELE DE DEMARCHE POUR ROBOT MOBILE POURVU DE JAMBES**
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKENAKA, Toru** [JP/JP]; c/o KABUSHIKI KAISYA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) **YOSHIDA, Yutaka**; 816, Ikebukuro White House Building, 20-2, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B25J 5/00**
- (11) **WO 02/40225** (13) A1
- (21) PCT/JP01/10027
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-352012 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **LEGGED ROBOT**
- **ROBOT A PATTES**
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAHASHI, Hideaki** [JP/JP]; c/o KABUSHIKI KAISYA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (JP). **MIYAZAKI, Susumu** [JP/JP]; c/o KABUSHIKI KAISYA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) **YOSHIDA, Yutaka**; 816, Ikebukuro White House Building, 20-2, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B25J 5/00**
- (11) **WO 02/40226** (13) A1
- (21) PCT/JP01/10028
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-391636 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **BIPED ROBOT**
- **ROBOT BIPEDE**
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRAI, Kazuo** [JP/JP]; c/o KABUSHIKI KAISYA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **MORII, Kenji** [JP/JP]; c/o KABUSHIKI KAISYA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **HIROSE, Masato** [JP/JP]; c/o KABUSHIKI KAISYA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) **YOSHIDA, Yutaka**; 816, Ikebukuro White House Building, 20-2, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B25J 5/00**
- (11) **WO 02/40227** (13) A1
- (21) PCT/JP01/10032
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351753 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **REMOTE CONTROLLER OF BIPED ROBOT**
- **DISPOSITIF DE COMMANDE A DISTANCE DE ROBOT BIPEDE**
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANO, Shigeo** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **TAKENAKA, Toru** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **KAWAI, Takayuki** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **YOSHIDA, Yuichi** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIYUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) **SATO, Tatsuhiko** et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B25J 5/00**
- (11) **WO 02/40228** (13) A1
- (21) PCT/JP01/10057
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351743 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **LEG STRUCTURE OF LEGGED ROBOT**
- **STRUCTURE DE JAMBE D'UN ROBOT A JAMBES**
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYAZAKI, Susumu** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **TAKAHASHI, Hideaki** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

- (74) **OCHIAI, Takeshi** et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B25J 5/00**
- (11) **WO 02/40229** (13) A1
- (21) PCT/JP01/09953
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ja (26) ja
- (30) 2000-351870 **17 Nov/nov 2000 (17.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • BIPED ROBOT
• ROBOT BIPEDE
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAHASHI, Hideaki** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) **KUDOHI, Minoru** et al. / etc.; 6F, KADOYA BLDG., 24-10, Minamiooi 6-chome, Shinagawa-ku, Tokyo 140-0013 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B26B 17/00**
- (11) **WO 02/40230** (13) A1
- (21) PCT/EP01/12980
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) de (26) de
- (30) 100 56 743.6 **15 Nov/nov 2000 (15.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CUTTING DEVICE COMPRISING TWO JAWS WHICH CAN BE MOVED ONE OVER THE OTHER BY MEANS OF MANUAL OPERATION
• DISPOSITIF DE COUPE A DEUX MACHOIRES DEPLAÇABLES DE
- MANIERE A S'APPLIQUER L'UNE SUR L'AUTRE PAR COMMANDE MANUELLE
- (71) **WOLFCRAFT GMBH** [DE/DE]; Wolff-Str, 56746 Kempenich (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EBERT, Winfried** [DE/DE]; Hommersbergstrasse 79, 56745 Weibern (DE).
- (74) **GRUNDMANN, Dirk Rieder & Partner** et al. / etc.; Corneliusstr. 45, 42329 Wuppertal (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/40231** (13) A2
- (21) PCT/US01/46779
- (22) **19 Oct/oct 2001 (19.10.2001)**
- (25) en (26) en
- (30) 60/243,186 **25 Oct/oct 2000 (25.10.2000)** US
- (30) 09/952,254 **11 Sep/sep 2001 (11.09.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CONSTANT DIMENSION INSERT CUTTING TOOL WITH REGRINDABLE PROFILED INSERTS
• OUTIL DE COUPE POSSEDANT DES LAMES DETACHABLES PROFILEES DE DIMENSION CONSTANTE POUVANT ETRE RECTIFIEES
- (71) **E.W. TOOLING, INC.** [US/US]; 31540 125th Street, Princeton, MN 55371 (US).
- (72) **WALLIN, Ernest, R.**; c/o E.W. Tooling, Inc., 31540 125th Street, Princeton, MN 55371 (US). **DEYLE, Jerome, E.**; c/o E.W. Tooling, Inc., 31540 125th Street, Princeton, MN 55371 (US).
- (74) **SHEWCHUK, Jeffrey, D.** et al. / etc.; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/06, 7/01**
- (11) **WO 02/40232** (13) A1
- (21) PCT/FR01/03268
- (22) **22 Oct/oct 2001 (22.10.2001)**
- (25) fr (26) fr
- (30) 00/15151 **17 Nov/nov 2000 (17.11.2000)** FR
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MACHINE FOR CUTTING A MEAT BLOCK COMPRISING A MARROW BONE
• MACHINE POUR LE DECOUPAGE D'UNE PIECE DE VIANDE PRESENTANT UN OS A MOELLE
- (71, 72) **EMSENS, Michel** [FR/FR]; Z.A. du Parc, F-42490 FRAISSES (FR).
- (74) **THIVILLIER, Patrick** et al. / etc.; Cabinet LAURENT & CHARRAS, 3, place de l'Hôtel de Ville, Boîte postale 203, F-42005 SAINT ETIENNE (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B27B**
- (11) **WO 02/40233** (13) A2
- (21) PCT/US01/51393
- (22) **25 Oct/oct 2001 (25.10.2001)**
- (25) en (26) en
- (30) 09/695,951 **25 Oct/oct 2000 (25.10.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • WOOD CUTTING BAND SAW BLADE
• LAME DE SCIE A RUBAN POUR LA DECOUPE DU BOIS
- (71) **AMERICAN SAW & MFG. COMPANY** [US/US]; 301 Chestnut Street, East Longmeadow, MA 01028 (US).
- (72) **CRANNA, Mark, T.**; 150 Parker Road, Somers, CT 06071 (US). **MILLER, Darriel**; 3848 Featherstone Drive, Woodbury, MN 55125 (US).
- (74) **GIARRATANA, Mark, D.** et al. / etc.; Cummings & Lockwood, Granite Square, 700 State Street, P.O. Box 1960, New Haven, CT 06509-1960 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B27N

(11) WO 02/40234 (13) A2

(21) PCT/US01/46004

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,260 14 Nov/nov 2000 US (14.11.2000)

(30) 60/248,350 14 Nov/nov 2000 US (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CROSSLINKED CELLULOSIC PRODUCT

• ARTICLE CELLULOSIQUE RETICULE

(71) WEYERHAEUSER COMPANY [US/US]; P.O. Box 9777, Federal Way, WA 98063-9777 (US).

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

(72, 75) GRAEF, Peter, A. [US/US]; 2312 Manorwood Drive SE, Puyallup, WA 98374 (US). GRANT, Terry, M. [US/US]; 33671 130th Avenue SE, Auburn, WA 98092 (US).

(74) CRAWFORD, John, M. et al. / etc.; Weyerhaeuser Company, Patent Department, P.O. Box 9777, Federal Way, WA 98063-9777 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B28D 1/22, 1/30, B28B 17/00, 7/00

(11) WO 02/40235 (13) A2

(21) PCT/US01/50186

(22) 19 Oct/oct 2001 (19.10.2001)

(25) en (26) en

(30) 09/691,864 19 Oct/oct 2000 US (19.10.2000)

(30) 09/691,898 19 Oct/oct 2000 US (19.10.2000)

(30) 09/884,795 19 Jun/juin 2001 US (19.06.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • BLOCK SPLITTING ASSEMBLY AND METHOD

• ENSEMBLE ET PROCEDE DE CLIVAGE DE BLOCS

(71) ANCHOR WALL SYSTEMS, INC. [US/US]; Suite 390, 5959 Baker Road, Minnetonka, MN 55345-5996 (US).

(72) SCHERER, Ronald, J.; 5703 Peller Avenue North, Oak Park Heights, MN 55082 (US). LACROIX, David, Matthew; 4608 103rd Lane N.E., Circle Pines, MN 55014 (US). HOGAN, Michael, J.; 13501 Westernesse, Minnetonka, MN 55305 (US). BOLLES, Glenn, Clarke; 4708 Annaway Drive, Edina, MN 55435 (US). JOHNSON, Jay, Jeffrey; 2090 County Road X, Star Prairie, WI 54026 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ B29B 9/06, F16D 3/18, B26D 7/26, B01J 2/20

(11) WO 02/40236 (13) A1

(21) PCT/DE01/02689

(22) 13 Jul/juil 2001 (13.07.2001)

(25) de (26) de

(30) 100 56 991.9 17 Nov/nov 2000 DE (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ASSEMBLY OF A DRIVE SHAFT WITH THE CUTTING HEAD HUB OF A SUBMERSIBLE GRANULATOR

• ASSEMBLAGE D'UN ARBRE D'ENTRAÎNEMENT AVEC LE MOYEU DE CORPS DE COUTEAU POUR GRANULATEURS IMMERSÉS

(71) BKG BRUCKMANN & KREYENBORG GRANULIERTECHNIK GMBH [DE/DE]; Coermühle 2, 48157 Münster (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRUCKMANN, Theodor [DE/DE]; Am Schürkamp 14, 46509 Xanten (DE).

(74) HABEL & HABEL; Am Kanonengraben 11, 48151 Münster (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B29B 11/12

(11) WO 02/40237 (13) A1

(21) PCT/US01/43546

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/712,437 14 Nov/nov 2000 US (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHODS AND MATERIALS FOR THE MANUFACTURE OF A SOLID SURFACE ARTICLE

• PROCEDES ET MATERIAUX DESTINES A LA FABRICATION D'UN ARTICLE A SURFACE SOLIDE

(71) ETURA PREMIER, L.L.C. [US/US]; 5500 Village Blvd, Ste. 200, West Palm Beach, FL 33407 (US).

(72) BORDENER, Robert; 2888 Colonial Way, Bloomfield Hills, MI 48304 (US).

(74) MCEVOY, Douglas, J. 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 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 TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)⁷ B29B 17/02, B09B 5/00

(11) WO 02/40238 (13) A1

(21) PCT/JP01/08212

(22) 20 Sep/sep 2001 (20.09.2001)

(25) ja (26) ja

(30) 2000-348962 16 Nov/nov 2000 JP (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • FOAM RESIN, METHOD OF COLLECTING FOAM GAS, AND METHOD OF DISASSEMBLING REFRIGERATOR

• RESINE MOUSSE, PROCEDE DE COLLECTE DE GAZ DE MOUSSE ET PROCEDE DE DESASSEMBLAGE DE REFRIGERATEUR

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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

(72, 75) YOTSUMOTO, Mikio [JP/JP]; 4-6-46, Kitakasugaoka, Ibaraki-shi, Osaka 567-0048 (JP). MATSUDA, Yutaka [JP/JP]; 1-16-16-401, Asahimachi, Takarazuka-shi, Hyogo 665-0835 (JP).

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; Suite 401, UMEDA PLAZA Building, 3-25, Nishitenma_4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B29C

(11) WO 02/40239 (13) A2

(21) PCT/DE01/04262

(22) 12 Nov/nov 2001 (12.11.2001)

(25) de (26) de

- (30) 100 57 741.5 **16 Nov/nov 2000** DE
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • INJECTION UNIT FOR A PLASTIC INJECTION MOLDING MACHINE
• UNITE D'INJECTION POUR MACHINE DE MOULAGE PAR INJECTION DE PLASTIQUES
- (71) **MANNESMANN PLASTICS MACHINERY AG** [DE/DE]; Reinhard-von-Frank-Strasse 16, 80997 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FISCHBACH, Gunther** [DE/DE]; Willy-Buchauer-Ring 7, 82256 Fürstenfeldbruck (DE). **MEYER, Ralf, Ingo** [DE/DE]; Heilerstr. 16, 58300 Wetter (DE).
- (74) **MEISSNER, P., E. et al**; Meissner & Meissner, Hohenzollerndamm 89, 14199 Berlin (DE).
- (81) CA IN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B29C 35/02, B65G 15/34**
- (11) **WO 02/40240** (13) A1
- (21) PCT/JP01/10008
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-352423 **20 Nov/nov 2000** JP
(20.11.2000)
- (30) 2001-241109 **8 Aug/août 2001** JP
(08.08.2001)
- (30) 2001-312862 **10 Oct/oct 2001** JP
(10.10.2001)
- (30) 2001-318165 **16 Oct/oct 2001** JP
(16.10.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR VULCANIZING FORMED UNVULCANIZED RUBBER AND RUBBER PRODUCT
• PROCEDE DE VULCANISATION D'UN CAOUTCHOUC NON VULCANISE FORME ET PRODUIT DE CAOUTCHOUC
- (71) **THE YOKOHAMA RUBBER CO., LTD.** [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YANADORI, Kazuhito** [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-0047 (JP). **OHISHI, Hideyuki** [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-0047 (JP). **TAMADA, Yoshinori** [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-0047 (JP).
- (74) **OGAWA, Shin-ichi** et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Akiyama Building, 22-13, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AU DE US.
- (51)⁷ **B29C 39/10, 39/14, 39/18, 39/24, 47/14, 47/30 // B29K 105:04**
- (11) **WO 02/40241** (13) A1
- (21) PCT/JP01/10142
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) ja (26) ja
- (30) 2000-396263 **20 Nov/nov 2000** JP
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR PRODUCING RESIN FORMED ARTICLE
• PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN ARTICLE FORME A BASE DE RESINE
- (71) **SUN EAST RESEARCH LTD. CO.** [JP/JP]; 140-1, Uehatta Shiranecho, Nakakoma-gun, Yamanashi 400-0215 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURATA, Noboru** [JP/JP]; 17-208, Wakabadai 2-chome, Asahi-ku, Yokohama-shi, Kanagawa 241-0801 (JP).
- (74) **TANAKA, Hiroshi** et al. / etc.; Hougaku Bldg. 7F, 19-14, 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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
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- (51)⁷ **B29C 41/00, C07K 14/78, A61L 15/32**
- (11) **WO 02/40242** (13) A1
- (21) PCT/US01/43748
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 09/714,255 **17 Nov/nov 2000** US
(17.11.2000)
- (30) 60/270,118 **21 Feb/fév 2001** US
(21.02.2001)
- (30) 09/946,158 **4 Sep/sep 2001** US
(04.09.2001)
- (30) PCT/US01/27409 **4 Sep/sep 2001** US
(04.09.2001)
- (30) 09/982,515 **18 Oct/oct 2001** US
(18.10.2001)
- (30) PCT/US01/32301 **18 Oct/oct 2001** US
(18.10.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTROPROCESSED COLLAGEN
• COLLAGENE SOUMIS A TRAITEMENT ELECTRIQUE
- (71) **VIRGINIA COMMONWEALTH UNIVERSITY INTELLECTUAL PROPERTY FOUNDATION** [US/US]; 1101 East Marshall Street, Room 2015, Richmond, VA 23298 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SIMPSON, David, G.** [US/US]; 10265 Cloverlea Court, Mechanicsville, VA 23116 (US). **BOWLIN, Gary, L.** [US/US]; 7437 Brook Way Court, Mechanicsville, VA 23111 (US). **WNEK, Gary, E.** [US/US]; 12508 Rocky River Drive, Midlothian, VA 23113-7141 (US). **STEVENS, Peter, J.** [GB/US]; 8617 Joshua Court, N. Richland Hills, TX 76180 (US). **CARR, Marcus, E., Jr.** [US/US]; 2540 Swanhurst Drive, Midlothian, VA 23113 (US). **MATTHEWS, Jamil, A.** [US/US]; 701 Masters Row, Apt. J, Glen Allen, VA 23059 (US). **RAJENDRAN, Saravanamoorthy** [IN/US]; 32 Old Foxon Road, Apt. 37, East Haven, CT 06513 (US).
- (74) **MCDONALD, John, K.** et al. / etc.; Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 45/07, 45/50**
- (11) **WO 02/40243** (13) A1
- (21) PCT/EP01/12917
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) de (26) de
- (30) 100 56 404.6 **14 Nov/nov 2000** DE
(14.11.2000)
- (30) 101 03 681.7 **27 Jan/jan 2001** DE
(27.01.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DRIVE DEVICE FOR DISPLACING TWO LINEARLY MOVEABLE COMPONENTS PERTAINING TO A PLASTIC INJECTION MOLDING MACHINE
• DISPOSITIF D'ENTRAINEMENT PERMETTANT LE DEPLACEMENT DE DEUX COMPOSANTS MOBILES LINEAIREMENT D'UNE MACHINE DE MOULAGE PAR INJECTION DE MATIERE PLASTIQUE
- (71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstr. 3 - 5, 97816 Lohr am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DANTLGRABER, Jörg** [AT/DE]; Dr. Hönlein-Str. 14, 97816 Lohr (DE).
- (74) **MANNESMANN REXROTH AG**; Jahnstr. 3 - 5, 97816 Lohr am Main (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B29C 45/16

- (11) WO 02/40244 (13) A1
(21) PCT/EP01/07242
(22) 26 Jun/juin 2001 (26.06.2001)
(25) de (26) de
(30) 100 56 260.4 14 Nov/nov 2000 DE (14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • PRODUCTION OF AN INJECTION MOLDED PART HAVING SEALED RECESSES WITH UNDERCUTS LOCATED THEREIN
• FABRICATION D'UNE PIECE MOULEE PAR INJECTION COMPRENANT DES CAVITES COLMATEES PRESENTANT DES CONTRE-DEPOUILLES
(71) GEALAN FORMTEILE GMBH [DE/DE]; Hofer Strasse 72-74, 95145 Oberkotzau (DE).
(72) BRAUN, Thomas; Peuntstrasse 17, 95234 Sparneck (DE). SCHMIDT, Roland; Vordorfermühle 26, 95709 Tröstau (DE). SAUNUS, Christian; Krumme Strasse 12, 08223 Grünbach (DE).
(74) NEUGEBAUER, Jürgen; Melchiorstr. 42, 81479 München (DE) et al. / etc.
(81) CZ HU.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B29C 45/27

- (11) WO 02/40245 (13) A1
(21) PCT/CA01/01608
(22) 13 Nov/nov 2001 (13.11.2001)
(25) en (26) en
(30) 09/716,894 20 Nov/nov 2000 US (20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • NOZZLE FOR INJECTION MOLD
• BUSE POUR MOULE A INJECTION
(71) TOP GRADE MOLDS LTD. [CA/CA]; 929 Pantera Drive, Mississauga, Ontario L4W 2R9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CICCONE, Vince [CA/CA]; 118 Rushworth Cres, Kleinburg, Ontario L0J 1C0 (CA).
(74) MOSS, W., Dennis et al. / etc.; Ridout & Maybee LLP, 2 Robert Speck Parkway, #901, Mississauga, Ontario L4Z 1H8 (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 45/40

- (11) WO 02/40246 (13) A1
(21) PCT/CH01/00658
(22) 9 Nov/nov 2001 (09.11.2001)
(25) de (26) de
(30) 2212/00 14 Nov/nov 2000 CH (14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • METHOD AND DEVICE FOR THE EJECTION OF INJECTION MOULDED PIECES
• PROCEDE ET DISPOSITIF D'EJECTION DE PIECES MOULEES PAR INJECTION
(71) NETSTAL-MASCHINEN AG [CH/CH]; Industriestrasse, CH-8752 Näfels (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WEINMANN, Robert [CH/CH]; Autisweg 6, CH-8872 Weesen (CH). FATZER, Herbert [CH/CH]; Belsitorstrasse 11, CH-8645 Jona (CH).
(74) ACKERMANN, Ernst; Egghalde, CH-9231 Egg-Flawil (CH).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 45/76, G01L 9/08, G05D 16/20

- (11) WO 02/40247 (13) A1
(21) PCT/ES00/00493
(22) 28 Dec/déc 2000 (28.12.2000)
(25) es (26) es
(30) P 200002740 15 Nov/nov 2000 ES (15.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • INJECTION MOLD COUNTER
• COMPTEUR POUR MOULES A INJECTION
(71) COMERCIAL DE UTILES Y MOLDES, S.A. [ES/ES]; Juan Ramon Jimenez, 8, E-08960 SANT JUST DESVERN (ES).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NAVARRA PRUNA, Alberto [ES/ES]; Juan Ramon Jimenez, 8, E-08960 SANT JUST DESVERN (ES).
(74) CARPINTERO LOPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).
(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- (51)⁷ B29C 47/02
(11) WO 02/40248 (13) A1
(21) PCT/AT01/00357

(22) 12 Nov/nov 2001 (12.11.2001)

- (25) de (26) de
(30) A 1930/2000 16 Nov/nov 2000 AT (16.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • DEVICE, INSERT AND METHOD FOR PRODUCING PLASTIC PROFILES
• DISPOSITIF, INSERT ET PROCEDE DE FABRICATION DE PROFILS EN PLASTIQUE
(71) STARLINGER & CO. GESELLSCHAFT M.B.H. [AT/AT]; Sonnenuhrgasse 4, A-1060 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) STARLINGER HUEMER, Franz [AT/AT]; Sonnenuhrgasse 4, A-1060 Wien (AT).
(74) HÄUPL, Armin; Mariahilfer Strasse 50, A-1070 Wien (AT).
(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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 53/12

- (11) WO 02/40249 (13) A1
(21) PCT/CA00/01353
(22) 16 Nov/nov 2000 (16.11.2000)
(25) fr (26) fr
(43) 23 May/mai 2002 (23.05.2002)
(54) • METHOD AND DEVICE FOR GENERATING PLASTIC HELICAL ARTICLES
• METHODE ET APPAREIL POUR GENERER DES SPIRALES EN PLASTIQUE
(71) 2751-3654 QUÉBEC INC. [CA/CA]; nil, 11, Chemin des Grillons, Lac Beauport, Québec, Québec G0A 2C0 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) PRIMEAU, André [CA/CA]; 11, Chemin des Grillons, Lac Beauport, Québec, Québec G0A 2C0 (CA). CORRIEVEAU, Régent [CA/CA]; 1013, de Vinci, St-Jean-Chrysostome, Québec, Québec G6Z 1P4 (CA). BÉDARD, Jean, T. [CA/CA]; 1384, Barfleur, Charlesbourg, Québec, Québec G1G 2H1 (CA). BRISSON, Jean-Claude [CA/CA]; 1020, Jean-Dumetz, Ste-Foy, Québec, Québec G1W 4K5 (CA).
(74) LESPERANCE & MARTINEAU et al. / etc.; 1440, rue Ste-Catherine ouest, bureau 700, Montréal, Québec H3G 1R8 (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 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 PL PT RO RU SD SE SG SI

- 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).
-
- (51)⁷ **B29C 59/02, 59/04, 67/20, 33/38, B26F
1/24**
- (11) **WO 02/40250** (13) A1
- (21) PCT/AU01/01503
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) PR 1583 **20 Nov/nov 2000 AU
(20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR TREATING FILMS
• PROCEDE DE TRAITEMENT DE PEL-
LICULES
- (71) **AMCOR PACKAGING (AUSTRALIA)
PTY LTD** [AU/AU]; 971-973 Burke Road,
Camberwell, Victoria 3124 (AU).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **HARVEY, Erol, Craig** [AU/AU]; 104
Glendale Road, Ringwood North, Victoria
3134 (AU). **WAYCOTT, Ramon, Glenn**
[AU/AU]; 26 Craig Road, Donvale, Victoria
3111 (AU).
- (74) **BORHAM, Janelle**; Griffith Hack, 509 St
Kilda Road, Melbourne, Victoria 3004 (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 NO NZ OM PH PL PT RO
RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **B29C 65/00**
- (11) **WO 02/40251** (13) A2
- (21) PCT/US01/48366
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) en (26) en
- (30) 60/245,968 **3 Nov/nov 2000 US
(03.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ZIPPER LOCK FEED CONTROL
MECHANISM
• MECANISME DE COMMANDE DE
FOURNITURE DE VERROUILLAGE
DE FERMETURE A GLISSIERE
- (71) **ROVEMA PACKAGING MACHINES
L.P.** [US/US]; 650 Hurricane Shoals Road,
NW, Lawrenceville, GA 30045 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **KUSS, Gerhard** [DE/DE]; Weingarten-
strasse 90, 35584 Wetzlar (DE). **WULSCH,
Siegfried** [DE/DE]; Steinweg 1, OT Wohn-
feld, 35327 Ulrichstein (DE). **NICOLAI,
Torsten** [DE/DE]; Ganseburg 3, 35418
Buseck (DE).
- (74) **BOUTELL, David, G.** et al. / etc.; FLYNN,
THIEL, BOUTELL & TANIS, P.C., 2026
RAMBLING ROAD, KALAMAZOO, MI
49008-1699 (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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **B29C 65/66**
- (11) **WO 02/40252** (13) A1
- (21) PCT/SE01/02232
- (22) **12 Oct/oct 2001 (12.10.2001)**
- (25) en (26) en
- (30) 0004232-5 **17 Nov/nov 2000 SE
(17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • AN ARRANGEMENT FOR SHRINK-
ING A HEAT-SHRINKABLE TUBING
OVER AN OBJECT
• DISPOSITIF DE RETREINTE D'UNE
GAINE THERMO-RETRECISSE
SUR UN OBJET
- (71) **TELEFONAKTIEBOLAGET LM ERIC-
SSON (publ)** [—/SE]; S-126 25 Stockholm
(SE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **KARLSSON, Petter** [SE/SE]; Skolgatan
7b, S-795 32 Rättvik (SE). **BLOMKVIST,
Knut** [SE/SE]; Småbjörksvägen 52, S-163 42
Spånga (SE).
- (74) **ERICSSON MICROELECTRONICS AB**;
Department for Intellectual Property Rights,
S-164 81 Kista-Stockholm (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 ES FI GB GD GE GH GM
HR HU ID 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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 67/24, B32B 15/08, 27/40 // B29K
75:00, B29L 31:10**
- (11) **WO 02/40253** (13) A1
- (21) PCT/EP01/13024
- (22) **10 Nov/nov 2001 (10.11.2001)**
- (25) de (26) de
- (30) 100 56 373.2 **14 Nov/nov 2000 DE
(14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR PRODUCING COMPOS-
ITE ELEMENTS
• PROCEDE DE FABRICATION D'ELE-
MENTS COMPOSITES
- (71) **BASF AKTIENGESELLSCHAFT**
[DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **FORSTER, Heinz** [DE/DE]; Ficht-
enweg 18, 82515 Wolfratshausen (DE).
HEFNER, Matthias [DE/DE]; Herbststrasse
9, 82523 Erdweg (DE). **BERNARD, Ger-
hard** [DE/DE]; Jahnstrasse 14 A, 82140
Olching (DE). **RIESS, Georg** [DE/DE];
Gasteig 3, 82544 Egling (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; 67056
Ludwigshafen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B29C 70/44**
- (11) **WO 02/40254** (13) A2
- (21) PCT/US01/43091
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,190 **15 Nov/nov 2000 US
(15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ONE-PIECE CLOSED-SHAPE STRUC-
TURE AND METHOD OF FORMING
SAME
• STRUCTURE FERMEE MONOBLOC
ET SON PROCEDE DE FABRICATION
- (71) **TOYOTA MOTOR SALES, U.S.A., INC.**
[US/US]; 19001 S. Western Avenue, E-200,
Torrance, CA 90509-2991 (US).
- (72) **ANDERSON, Alan, H.**; 1831 Stanley Ave-
nue, Placentia, Orange, CA 92870 (US).
BOWMAN, Kathlene, K.; 4238 W. Avenue
K-12, Lancaster, Los Angeles, CA 93536
(US). **TEUFFEL, Paul, D.**; 3381 Orange-
wood, Los Alamitos, Orange, CA 90720
(US).
- (74) **GARRETT, Arthur, S.** et al. / etc.;
Finnegan, Henderson, Farabow, Garrett
& Dunner, L.L.P., 1300 I Street, N.W., Wash-
ington, DC 20005-3315 (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 SI SK SL TJ TM TR TT TZ
UA UG 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ B29C 70/50

(11) WO 02/40255 (13) A2

(21) PCT/US01/45430

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(30) 60/245,620 6 Nov/nov 2000 US
(06.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS FOR ADDING A SURFACE
FINISH TO A FIBER-REINFORCED
COMPOSITE

- PROCÉDE PERMETTANT DE CONFÉ-
RER UN FINI DE SURFACE A UN
COMPOSITE RENFORCÉ DE FIBRES

(71) THE DOW CHEMICAL COMPANY
[US/US]; 2030 Dow Center, Midland, MI
46874 (US).(72) EDWARDS, Christopher, Michael; 2613
Hearthstone Circle, Midland, MI 48642 (US).
D'HOOGHE, Edward, L.; Steensedijk 56,
NL-4561 GN Hulst (NL).(74) WILLIS, Reid, S.; The Dow Chemical Com-
pany, Intellectual Property, P.O. Box 1967,
Midland, MI 48641-1967 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR 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 NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ B29C 71/02, C08J 5/18

(11) WO 02/40256 (13) A1

(21) PCT/JP01/10022

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ja (26) ja

(30) 2000-351878 17 Nov/nov 2000 JP
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • POLYIMIDE FILM AND METHOD
FOR PRODUCTION THEREOF
AND METHOD FOR ADJUSTING
ISOTROPY THEREOF

- FILM DE POLYIMIDE ET SON PRO-
CÉDE DE FABRICATION, ET PRO-
CÉDE POUR RÉGLER SON ISOTROPIE

(71) KANEKA CORPORATION [JP/JP]; 2-4,
Nakanoshima 3-chome, Kita-ku, Osaka-shi,
Osaka 530-8288 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NISHIMURA, Hidehito [JP/JP];
1-25-1, Hieitsuji, Otsu-shi, Shiga 520-0104
(JP). ONO, Kazuhiro [JP/JP]; 24-7-105,
Konooka-cho, Otsu-shi, Shiga 520-0103
(JP). NISHINAKA, Masaru [JP/JP]; 2-1-2,
Hieitsuji, Otsu-shi, Shiga 520-0104 (JP).
AKAHORI, Kiyokazu [JP/JP]; 23-6, Ogo-
tokita 2-chome, Otsu-shi, Shiga 520-0107
(JP).(74) ASAHINA, Sohta et al. / etc.; NS Building,
2-22, Tanimachi 2-chome, Chuo-ku, Osaka-
shi, Osaka 540-0012 (JP).

(81) CN KR US.

(51)⁷ B29C 73/02, 73/04, B32B 35/00

(11) WO 02/40257 (13) A1

(21) PCT/EP01/13270

(22) 16 Nov/nov 2001 (16.11.2001)

(25) de (26) de

(30) 100 57 538.2 20 Nov/nov 2000 DE
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR REPAIRING COMPOS-
ITE ELEMENTS

- PROCÉDÉ POUR RÉPARER DES ÉLÉ-
MENTS MULTICOUCHE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; D-67056 Ludwigshafen (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FORSTER, Heinz [DE/DE]; Fichten-
weg 18, D-82515 Wolfratshausen (DE).
HEFNER, Matthias [DE/DE]; Herb-
str. 9, D-85253 Erdweg (DE). REIN-
ERTH, Peter [DE/DE]; Zur Denkstätte
30, D-82275 Emmering (DE). SAND-
BANK, Thomas [DE/DE]; Schellingstr.
92, D-80798 München (DE). BERNARD,
Gerhard [DE/DE]; Jahnstrasse 14 A,
D-82140 Olching (DE). DIERSSEN,
Jens [DE/DE]; Dorfstr. 40, D-85235
Odelzhausen (DE). STADLER, Edmund
[DE/DE]; Johann-Azendorferstrasse 23,
D-96142 Hollfeld (DE). SCHWEERS,
Olaf [DE/DE]; Mundenheimerstrasse 158,
D-67061 Ludwigshafen (DE). MERTES,
Jürgen [DE/DE]; Ahornweg 8, D-67122 Al-
trip (DE). KNOBLAUCH, Georg [DE/DE];
Feichthofstrasse 128, D-81247 München
(DE).(74) BASF AKTIENGESELLSCHAFT;
D-67056 Ludwigshafen (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 SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 30/26

(11) WO 02/40258 (13) A1

(21) PCT/US01/43835

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 09/714,329 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • TIRE BUILDING DRUM WITH BEAD
POSITIONING FEATURES

- TAMBOUR DE PRODUCTION DE
PNEUMATIQUE COMPRENANT DES
SYSTEMES DE POSITIONNEMENT
DE TALON

(71) WYKO, INC. [US/US]; P.O. Box 130,
Greenback, TN 37742 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BYERLEY, Mark, S. [US/US]; P.O.
Box 130, Greenback, TN 37742 (US).(74) HODGES, Paul, E. et al. / etc.; Pitts &
Brittian, P.C., P.O. Box 51295, Knoxville, TN
37950-1295 (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 PH PL PT RO RU
SD SE SG SI 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

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(51)⁷ B31B

(11) WO 02/40259 (13) A2

(21) PCT/FR01/03608

(22) 16 Nov/nov 2001 (16.11.2001)

(25) fr (26) fr

(30) 0014907 17 Nov/nov 2000 FR
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • EQUIPMENT FOR ASSEMBLING TWO
LARGE-DIMENSION BLANKS

- EQUIPEMENT D'ASSEMBLAGE
POUR DEUX FLANS DE GRANDE
DIMENSION

(71) ESATEC [FR/FR]; Z.A. Les Brandeaux,
F-16400 Puymoyen (FR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LAROCHE, Francis [FR/FR]; Rue des
Colletys, F-16400 Puymoyen (FR).(74) BREESE, Pierre et al. / etc.; Breese-Ma-
jerowicz, 3, avenue de l'Opéra, F-75001 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ **B31C**
- (11) **WO 02/40260** (13) A2
(21) PCT/US01/51144
(22) **29 Oct/oct 2001 (29.10.2001)**
(25) en (26) en
(30) 09/702,707 **31 Oct/oct 2000** US
(31.10.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND APPARATUS FOR
FORMING A ROLLED PAPER PROD-
UCT
- PROCEDE ET APPAREIL DE FORMA-
TION D'UN PRODUIT DE PAPIER EN
ROULEAU
- (71) **KIMBERLY-CLARK WORLDWIDE,
INC.** [US/US]; 401 North Lake Street,
Neenah, WI 54956 (US).
- (72) **WOLKOWICZ, Richard**; 4930 Rutledge
Lane, Cumming, GA 30130 (US). **BU-
RAZIN, Mark**; 35 E. County Road Y, Apt 3,
Oshkosh, WI 54901 (US).
- (74) **DORITY & MANNING, P.A.**; P.O. Box
1449, Greenville, SC 29602 (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 SI SK SL TJ TM TR TT TZ
UA UG 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 CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **B31C 11/00**
- (11) **WO 02/40261** (13) A1
(21) PCT/US01/11285
(22) **6 Apr/avr 2001 (06.04.2001)**
(25) en (26) en
(30) 09/715,225 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● INSIDE PRINTING OF FLEXIBLE
PACKAGES
- IMPRESSION A L'INTERIEUR D'EM-
BALLAGES SOUPLES
- (71) **RECOT, INC.** [US/US]; Suite 460, 5000
Hopyard Road, Pleasanton, CA 94588 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **KNOERZER, Anthony, Robert**
[US/US]; 8100 Greensboro Drive, Plano,
TX 75025 (US).
- (74) **CAHOON, Colin, Paul**; Carstens, Yee &
Cahoon, L.L.P., P.O. Box 802334, Dallas, TX
75380 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).
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- (51)⁷ **B31D 5/00, B31F 5/06**
- (11) **WO 02/40262** (13) A1
(21) PCT/US01/43872
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 60/249,698 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD OF LOADING A CUSHION-
ING CONVERSION MACHINE AND
SHEET STOCK MATERIAL SUPPLY
USEFUL THEREIN
- PROCEDE DE CHARGEMENT D'UN
DISPOSITIF DE MATELASSAGE ET
LOT DE MATERIAU DE CHARGE EN
FEUILLE UTILE POUR CE PROCEDE
- (71) **RANPAK CORP.** [US/US]; 7990 Auburn
Road, Concord Township, OH 44077-9702
(US).
- (72) **HARDING, Joseph**; 7817 Rutland Drive,
Mentor, OH 44060 (US).
- (74) **STEFFES, Paul**; RENNEN, OTTO, BOIS-
SELLE, & SKLAR, LLP, 1621 Euclid Ave-
nue, 19th 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ **B32B 15/08**
- (11) **WO 02/40264** (13) A2
(21) PCT/EP01/13021
(22) **10 Nov/nov 2001 (10.11.2001)**
(25) de (26) de
(30) 100 56 377.5 **14 Nov/nov 2000** DE
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR PRODUCING COMPOS-
ITE ELEMENTS
- PROCEDE DE FABRICATION D'ELE-
MENTS COMPOSITES
- (71) **BASF AKTIENGESELLSCHAFT**
[DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **HEFNER, Matthias** [DE/DE]; Herbst-
strasse 9, 85253 Erdweg (DE). **FORSTER,
Heinz** [DE/DE]; Fichtenweg 18, 82515 Wol-
fratshausen (DE). **BERNARD, Gerhard**
[DE/DE]; Jahnstrasse 14 A, 82140 Olch-
ing (DE). **RIESS, Georg** [DE/DE]; Gasteig
3, 82544 Egling (DE). **KNOBLAUCH,
Georg** [DE/DE]; Feichthofstrasse 128, 81247
München (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; 67056
Ludwigshafen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
-
- Published / Publiée : (c)
- (51)⁷ **B31F 5/06, C09J 5/10, B65B 9/02, B65D
81/00**
- (11) **WO 02/40263** (13) A1
(21) PCT/IT01/00576
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) it (26) en
(30) BO2000A000664 **17 Nov/nov 2000** IT
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B32B 15/08, 27/40, C08G 18/63**

(11) **WO 02/40265** (13) A1

(21) PCT/EP01/13023

(22) **10 Nov/nov 2001 (10.11.2001)**

(25) de (26) de

(30) 100 56 378.3 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● COMPOSITE ELEMENT CONTAINING POLYISOCYANATE POLYADDITION PRODUCTS

● ELEMENTS COMPOSITES RENFERMANT DES PRODUITS DE POLYADDITION DE POLYISOCYANATE

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

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

(72, 75) **STADLER, Edmund** [DE/DE]; Johann-Azendorferstr. 23, 96142 Hollfeld (DE). **MERTES, Jürgen** [DE/DE]; Ahornweg 8, 67122 Altrip (DE). **FORSTER, Heinz** [DE/DE]; Fichtenweg 18, 82515 Wolfraatshausen (DE). **HEFNER, Matthias** [DE/DE]; Herbststr. 9, 85253 Erdweg (DE). **REINERTH, Peter** [DE/DE]; Zur Denkstätte 30, 82275 Emmering (DE). **SANDBANK, Thomas** [DE/DE]; Schellingstr. 92, 80798 München (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, B21D 22/20, 22/28**

(11) **WO 02/40266** (13) A1

(21) PCT/JP01/10062

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-350175 **16 Nov/nov 2000 JP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METAL PRODUCT WITH EXCELLENT MOLDABILITY SURFACE-TREATED WITH ALKALI-SOLUBLE LUBRICANT

● PRODUIT METALLIQUE POSSEDANT DES CARACTERISTIQUES EXCELLENTE DE MOULAGE DE SA SURFACE TRAITÉE PAR UN LUBRIFIANT SOLUBLE DANS UN MILIEU ALCALIN

(71) **NIPPON STEEL CORPORATION**

[JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). **MITSUI TAKEDA CHEMICALS, INC.** [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6009 (JP).

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

(72, 75) **YAMAOKA, Ikuro** [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **KANAI, Hiroshi** [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **MIYASAKA, Akihiro** [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **MORI, Yoichiro** [JP/JP]; C/O NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). **TAWA, Tsutomu** [JP/JP]; C/O MITSUI TAKEDA CHEMICALS, INC., 17-85, Jusohommachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP). **NISHIMURA, Mitsuhiro** [JP/JP]; C/O MITSUI TAKEDA CHEMICALS, INC., 17-85, Jusohommachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AU CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **B32B 27/00, 31/00, A41D 31/00**

(11) **WO 02/40267** (13) A1

(21) PCT/EP01/09075

(22) **6 Aug/août 2001 (06.08.2001)**

(25) de (26) de

(30) 200 19 666.9 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● COMPOSITE IN A WATERTIGHT WINDTIGHT THERMALLY-INSULATING AND REFLECTING EMBODIMENT

● COMPOSITE IMPERMEABLE A L'EAU, IMPERMEABLE AU VENT, THERMO-ISOLANT ET THERMO-FLECHISSANT

(71, 72) **LANGHEIN, Siegfried** [DE/DE]; Wohnenstorf 8, 18195 Cammin (DE). **JANEK, Achim** [DE/DE]; Am Reichetlein 17, 97491 Aidhausen (DE). **STAHL, Jürgen** [DE/DE]; Birkenstrasse 4, 97526 Sennfeld (DE).

(74) **RICKER, Mathias**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Galileiplatz 1, 81679 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 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B32B 27/12, 27/04, B05D 5/02**

(11) **WO 02/40268** (13) A1

(21) PCT/CA01/01616

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 2,326,257 **17 Nov/nov 2000 CA (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SHEET MATERIAL WITH ANTI-SLIP SURFACE

● MATERIAU EN FEUILLE A SURFACE ANTI-DERAPANTE

(71) **INTERWRAP INDUSTRIES INC.** [CA/CA]; 32923 Mission Way, Mission, British Columbia V2V 6E4 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BACIU, Radu** [CA/CA]; Apartment #1 - 123, 7th Street, New Westminster, British Columbia V3M 1L1 (CA). **VIDO, Martin** [CA/CA]; 15 - 7640 Blott Street, Mission, British Columbia V3M 3K3 (CA). **CHEEMA, Harjinder** [CA/CA]; 8151 Barnett Street, Mission, British Columbia V2V 7C7 (CA).

(74) **MCGRUDER, David, J.**; Oyen Wiggs Green & Mutala, 480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B32B 27/18, 27/32**

(11) **WO 02/40269** (13) A1

(21) PCT/US01/32567

(22) **18 Oct/oct 2001 (18.10.2001)**

(25) en (26) en

(30) 09/714,332 **16 Nov/nov 2000 US (16.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMPROVED LAMINATION GRADE COEXTRUDED HEAT-SEALABLE FILM
• FILM THERMOSCELLABLE COESTRUCED A DEGRE DE PLASTIFICATION AMELIORE
- (71) **EXXONMOBIL OIL CORPORATION** [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US).
- (72) **SHEPPARD, Karen, A.**; 33 Stoneleigh Trail, Victor, NY 14564 (US). **MIGLIORINI, Robert, A.**; 26 Janifer Drive, North Haven, CT 06473 (US).
- (74) **JAMES, Rick, F.** et al. / etc.; ExxonMobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B32B 27/18, 27/32**
- (11) **WO 02/40270** (13) A1
- (21) PCT/US01/32570
- (22) **18 Oct/oct 2001 (18.10.2001)**
- (25) en (26) en
- (30) 09/712,504 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PLASTIC FILM HAVING IMPROVED IMAGING PROPERTIES
• FILM PLASTIQUE PRESENTANT DES PROPRIETES D'IMAGERIE AMELIOREES
- (71) **EXXONMOBIL OIL CORPORATION** [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US).
- (72) **LU, Pang-Chia**; 86 Stuyvesant Road, Pittsford, NY 14534 (US).
- (74) **JAMES, Rick, F.**; ExxonMobil Chemical Company, Law Technology, P.O. Box, Baytown, TX 77522-2149 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B32B 31/10, 31/18**
- (11) **WO 02/40271** (13) A2
- (21) PCT/US01/43098
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,217 **15 Nov/nov 2000 (15.11.2000)** US
- (30) 09/987,484 **14 Nov/nov 2001 (14.11.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MASTER PROCESSING APPARATUS
• APPAREIL DE TRAITEMENT PILOTE
- (71) **XYRON, INC.** [US/US]; 15820 North 84th Street, Scottsdale, AZ 85260 (US).
- (72) **LEMENS, Paul**; 22357 N. 77th Street, Scottsdale, AZ 85255 (US). **VELASQUEZ, Joseph, E.**; 1005 West Cantabria Drive, Gilbert, AZ 85233 (US). **HOFFMAN, Ronald**; 2743 E. Rockledge Road, Phoenix, AZ 85048 (US). **REED, Daniel**; 9648 E. Lobo Avenue, Mesa, AZ 85212 (US).
- (74) **BARUFKA, Jack, S.** et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, 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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B41B 17/00**
- (11) **WO 02/40272** (13) A1
- (21) PCT/CH01/00668
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 2219/00 **15 Nov/nov 2000 (15.11.2000)** CH
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR THE PRODUCTION OF SCREEN CAVITIES IN A ROTOGRAVURE FORM AND BASE BODY APPLICABLE IN SAID METHOD
• PROCEDE DE REALISATION DE GODETS DE TRAME DANS UNE PLAQUE D'HELIOGRAVURE, ET CORPS DE BASE POUVANT ETRE UTILISE DANS CE PROCEDE
- (71) **MDC MAX DAETWYLER AG BLEIENBACH** [CH/CH]; Flugplatz, CH-3368 Bleienbach (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRAUCHIGER, Jakob** [CH/CH]; Finkenweg 5, CH-3652 Hilterfingen (CH).
- (74) **ROSHARDT, Werner, A.** et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).
- (81) JP MX US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B41J 2/17**
- (11) **WO 02/40273** (13) A2
- (21) PCT/US01/47408
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 60/247,410 **9 Nov/nov 2000 (09.11.2000)** US
- (30) 60/247,432 **9 Nov/nov 2000 (09.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A METHOD AND APPARATUS FOR OBTAINING INFORMATION ABOUT A DISPENSED FLUID, SUCH AS USING OPTICAL FIBER TO OBTAIN DIAGNOSTIC INFORMATION ABOUT A FLUID AT A PRINTHEAD DURING PRINTING
• PROCEDE ET APPAREIL D'OBTENTION D'INFORMATIONS CONCERNANT UN FLUIDE DISTRIBUE, EN UTILISANT UNE FIBRE OPTIQUE AFIN D'OBTENIR DES INFORMATIONS DIAGNOSTIQUES CONCERNANT UN FLUIDE AU NIVEAU D'UNE TETE D'IMPRESSION PENDANT L'IMPRESSION
- (71) **THERICS, INC.** [US/US]; 115 Campus Drive, Princeton, NJ 08540 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEITZEL, Douglas, E.** [US/US]; 96 Wolfpack Road, Hamilton, NJ 08619 (US). **FORSYTHE, Clifford, A.** [US/US]; 68 Drake Avenue, Rockaway, NJ 07866 (US).
- (74) **COSTANZA, Kevin, S.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B41J 2/175**
- (11) **WO 02/40274** (13) A1
- (21) PCT/EP01/12200
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) de (26) de
- (30) 100 56 602.2 **15 Nov/nov 2000 (15.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MARKING DEVICE AND EXTRUSION SYSTEM WITH A MARKING DEVICE OF THIS TYPE

• DISPOSITIF DE MARQUAGE ET INSTALLATION D'EXTRUSION EQUIPEE DE CE DISPOSITIF

(71) **RÖHM GMBH & CO. KG** [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERINGER, Andreas** [DE/DE]; Bachstrasse 17, 64291 Darmstadt (DE). **HAUN, Erhard** [DE/DE]; August-Bebel-Strasse 58, 64347 Griesheim (DE). **ALTENKIRCH, Günther** [DE/DE]; Am Blindgraben 14a, 64331 Weiterstadt (DE). **MÜLLER, Hans** [DE/DE]; Hintergasse 18a, 64589 Stockstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **B41J 2/175**

(11) **WO 02/40275** (13) A1

(21) PCT/JP01/10107

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) ja (26) ja

(30) 2000-353244 **20 Nov/nov 2000** JP
(**20.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • IDENTIFICATION OF CONTAINER FOR PRINTING RECORDING MATERIAL

• IDENTIFICATION DE CONTENEUR POUR MATERIEL D'IMPRESSION D'ENREGISTREMENT

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASAUCHI, Noboru** [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **TOKKYO GYOMUHOJIN MEISEI INTERNATIONAL PATENT FIRM**; Mitsui-Sumitomo Bank Bldg. 7th floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B41J 2/415, G03G 15/34**

(11) **WO 02/40276** (13) A1

(21) PCT/SE00/02225

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • DIRECT ELECTROSTATIC PRINTING METHOD AND APPARATUS

• PROCÉDÉ ET APPAREIL D'IMPRESION ÉLECTROSTATIQUE DIRECTE

(71) **ARRAY AB** [SE/SE]; Önnereids Brygga 13, S-421 57 Västra Frölunda (SE). **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oasa Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RYDSTRÖM, Bo** [SE/SE]; Rådavägen 19, S-431 36 Mölndal (SE).

(74) **BERGENTALL, Annika** et al. / etc.; Cegumark AB, P.O. Box 53047, S-400 14 Göteborg (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 ES FI GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **B41J 2/515**

(11) **WO 02/40277** (13) A1

(21) PCT/DE01/03942

(22) **15 Oct/oct 2001 (15.10.2001)**

(25) de (26) de

(30) 100 57 063.1 **17 Nov/nov 2000** DE
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PRINTING DEVICE

• DISPOSITIF D'IMPRESSION

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBLINGER, Michael** [DE/DE]; Lindenweg 6, 97509 Kolitzheim (DE).

(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B41J 2/515, B41C 1/10**

(11) **WO 02/40278** (13) A1

(21) PCT/DE01/03943

(22) **15 Oct/oct 2001 (15.10.2001)**

(25) de (26) de

(30) 100 57 061.5 **17 Nov/nov 2000** DE
(**17.11.2000**)

(30) 100 57 062.3 **17 Nov/nov 2000** DE
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PRINTING DEVICES COMPRISING A PLURALITY OF PRINT HEADS

• DISPOSITIFS D'IMPRESSION COMPORTANT UNE PLURALITE DE TETES D'IMPRESSION

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBLINGER, Michael** [DE/DE]; Lindenweg 6, 97509 Kolitzheim (DE). **SCHASCHEK, Karl, Erich, Albert** [DE/DE]; Schulstr. 23, 97289 Thüngen (DE). **SCHNEIDER, Georg** [DE/DE]; Fritz-Haber-Str. 13, 97080 Würzburg (DE).

(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **B41J 2/515, B41C 1/10, B41J 2/16**

(11) **WO 02/40279** (13) A1

(21) PCT/DE01/03944

(22) **15 Oct/oct 2001 (15.10.2001)**

(25) de (26) de

(30) 100 57 061.5 **17 Nov/nov 2000** DE
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PRINTING DEVICE

• DISPOSITIF D'IMPRESSION

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ECK, Rainer** [DE/DE]; Wetterriedstr. 7, 97469 Gochsheim (DE). **KOBLINGER, Michael** [DE/DE]; Lindenweg 6, 97509 Kolitzheim (DE). **SCHASCHEK, Karl, Erich, Albert** [DE/DE]; Schulstr. 23, 97289 Thüngen (DE).

(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PH PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ **B41J 2/515**

(11) **WO 02/40280** (13) A1

(21) PCT/DE01/03945

(22) **15 Oct/oct 2001 (15.10.2001)**

(25) de (26) de

(30) 100 57 062.3 **17 Nov/nov 2000** DE
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • METHOD AND DEVICE FOR ALIGN-
ING PRINT HEADS

• PROCEDE ET DISPOSITIF D'ORIE-
NTATION DE TETES D'IMPRESSION

- (71) **KOENIG & BAUER AKTIENGE-
SELLSCHAFT** [DE/DE]; Friedrich-Koenig-
Str. 4, 97080 Würzburg (DE).

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

- (72, 75) **ECK, Rainer** [DE/DE]; Wetterriedstr.
7, 97469 Gochsheim (DE). **KOBLINGER,
Michael** [DE/DE]; Lindenberg 6, 97509
Koltitzheim (DE). **SCHASCHEK, Karl,
Erich, Albert** [DE/DE]; Schulstr. 23, 97289
Thüngen (DE).

- (74) **KOENIG & BAUER AKTIENGE-
SELLSCHAFT**; Friedrich-Koenig-Str. 4,
97080 Würzburg (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ 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 PH PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B41J 3/44, B42C 9/00**

(11) **WO 02/40281** (13) A1

(21) PCT/AU00/01456

(22) **27 Nov/nov 2000 (27.11.2000)**

(25) en (26) en

(30) PR 1574 **20 Nov/nov 2000** AU
(**20.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • APPLICATION OF BINDING ADHE-
SIVE TO PAGES PASSING THROUGH
A PRINTER

• APPLICATION D'ADHESIF DE RE-
LIURE SUR DES FEUILLES PASSANT
PAR UNE IMPRIMANTE

- (71) **SILVERBROOK RESEARCH PTY. LTD.**
[AU/AU]; 393 Darling Street, P.O. Box 207,
Balmain, NSW 2041 (AU).

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

- (72, 75) **SILVERBROOK, Kia** [AU/AU]; 393
Darling Street, Balmain, NSW 2041 (AU).

- (74) **SILVERBROOK, Kia**; 393 Darling Street,
Balmain, NSW 2041 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ **B41J 3/44, B42C 9/00**

(11) **WO 02/40282** (13) A1

(21) PCT/AU00/01457

(22) **27 Nov/nov 2000 (27.11.2000)**

(25) en (26) en

(30) PR 1575 **20 Nov/nov 2000** AU
(**20.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • TWO-PART BINDING ADHESIVE AP-
PLICATION IN A PRINTING/BINDING
PROCESS

• APPLICATION D'UNE BANDE DE
RELIURE EN DEUX PARTIES DANS
UN PROCESSUS D'IMPRESSION/RE-
LIURE

- (71) **SILVERBROOK RESEARCH PTY. LTD.**
[AU/AU]; 393 Darling Street, P.O. Box 207,
Balmain, NSW 2041 (AU).

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

- (72, 75) **SILVERBROOK, Kia** [AU/AU]; 393
Darling Street, Balmain, NSW 2041 (AU).

- (74) **SILVERBROOK, Kia**; 393 Darling Street,
Balmain, NSW 2041 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ **B41J 3/62**

(11) **WO 02/40283** (13) A1

(21) PCT/CH01/00565

(22) **19 Sep/sep 2001 (19.09.2001)**

(25) de (26) de

(30) 2218/00 **15 Nov/nov 2000** CH
(**15.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • INSTALLATION FOR PRODUCING
A PRINTED TEXTILE STRIP, ESPE-
CIALY A LABEL STRIP

• INSTALLATION POUR IMPRIMER UN
RUBAN TEXTILE, NOTAMMENT UN
RUBAN D'ETIQUETTE

- (71) **TEXTILMA AG** [CH/CH]; Seestrasse 97,
CH-6052 Hergiswil (CH).

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

- (72, 75) **SPEICH, Francisco** [CH/CH]; Bleu-
mattstrasse 10, CH-5264 Gipf-Oberfrick
(CH). **RUSH, John** [GB/CH]; Dörrmattweg
29, CH-5070 Frick (CH).

- (74) **SCHMAUDER & PARTNER AG**; Zwängi-
weg 7, CH-8038 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 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 PL PT RO RU SD SE
SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ **B41J 25/304**

(11) **WO 02/40284** (13) A1

(21) PCT/DE01/03941

(22) **15 Oct/oct 2001 (15.10.2001)**

(25) de (26) de

(30) 100 57 060.7 **17 Nov/nov 2000** DE
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • POSITIONING DEVICE FOR PRINT
HEADS

• DISPOSITIF DE POSITIONNEMENT
DESTINE A DES TETES D'IMPRES-
SION

- (71) **KOENIG & BAUER AKTIENGE-
SELLSCHAFT** [DE/DE]; Friedrich-Koenig-
Str. 4, 97080 Würzburg (DE).

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

- (72, 75) **ECK, Rainer** [DE/DE]; Wetterriedstr.
7, 97469 Gochsheim (DE). **KOBLINGER,
Michael** [DE/DE]; Lindenweg 6, 97509
Koltitzheim (DE). **SCHASCHEK, Karl,
Erich, Albert** [DE/DE]; Schulstr. 23, 97289
Thüngen (DE).

- (74) **KOENIG & BAUER AKTIENGE-
SELLSCHAFT**; Friedrich-Koenig-Str. 4,
97080 Würzburg (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ 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 PH PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **B41L 43/10, B41J 13/26, B42C 1/00**

(11) **WO 02/40285** (13) A1

(21) PCT/AU00/01458

(22) **27 Nov/nov 2000 (27.11.2000)**

(25) en (26) en

(30) PR 1573 **20 Nov/nov 2000 AU (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PAGE BINDING SUPPORT TRAY HAVING VIBRATORY PAGE ALIGNMENT
● BAC D'ALIMENTATION EN PAGES À RELIER À CADRAGE DES PAGES PAR VIBRATION

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, PO Box 207, Balmain, New South Wales 2041 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SILVERBROOK, Kia** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) **SILVERBROOK, Kia**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **B41M**

(11) **WO 02/40286** (13) A2

(21) PCT/US01/43127

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 60/249,258 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND APPARATUS FOR PRODUCING AN INK JET LENTICULAR FOIL

● PROCEDE ET APPAREIL DE PRODUCTION D'UN FILM LENTICULAIRE A JET D'ENCRE

(71) **ORASEE CORP.** [US/US]; 4850 River Green Parkway, Duluth, GA 30096 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIMS, Jerry, C.** [US/US]; 7530 S. Spalding Lake Drive, Atlanta, GA 30050 (US). **PETERS, Paul, F.** [US/US]; 3716 Castle View Court, Suwanee, GA 30024 (US). **KARSZES, William, M.** [US/US]; 2720 Roxburgh Drive, Roswell, GA 30076 (US). **DESIE, Guido** [BE/BE]; Mortsel (BE).

(74) **COLAIANNI, Joseph, V.** et al. / etc.; Patton Boggs LLP, 2250 M Street, N.W., Washington, DC 20037 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B41M 1/12, B41F 15/12**

(11) **WO 02/40287** (13) A1

(21) PCT/FR01/03597

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) fr (26) fr

(30) 00/14792 **16 Nov/nov 2000 FR (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SCREEN PRINTING METHOD AND INSTALLATION, PRINTING INK

● PROCEDE ET INSTALLATION D'IMPRESSION PAR SERIGRAPHIE, ENCRE D'IMPRESSION

(71) **GROSFILLEX S.A.R.L.** [FR/FR]; Ardent, F-01107 Oyonnax (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAGNIERE, Marc** [FR/FR]; En Fulus, F-01100 Ardent (FR).

(74) **PORTAL, Gérard** et al. / etc.; Cabinet Beau de Lomenie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B41M 5/00**

(11) **WO 02/40288** (13) A1

(21) PCT/CH01/00679

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) de (26) de

(30) 2236/00 **17 Nov/nov 2000 CH (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● INK JET PRINTING MATERIAL

● MATERIAU D'IMPRESSION A JET D'ENCRE

(71) **SIHL** [CH/CH]; Allmendstrasse 125, CH-8021 Zürich (CH).

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

(72, 75) **WENDLER, Gunter** [DE/CH]; Gyrischachenstrasse 33, CH-3400 Burgdorf (CH). **OSTE, Susanne** [DE/CH]; Sägereistrasse 10, CH-8135 Langnau (CH). **UNGER, Beat** [CH/CH]; Säntisstrasse 1, CH-8604 Volketswil (CH).

(74) **BREMI, Tobias**; Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B41M 5/035, 3/12, B44C 1/17, C04B 41/81**

(11) **WO 02/40289** (13) A1

(21) PCT/ZA01/00174

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 2000/6667 **16 Nov/nov 2000 ZA (16.11.2000)**

(30) 2000/6668 **16 Nov/nov 2000 ZA (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● IMAGE APPLICATION TO SURFACES

● APPPOSITION D'IMAGES SUR DES SURFACES

(71) **TOERIEN, Dawid, Johannes, Jacobus** [ZA/ZA]; 4 President Street, Steiltes, 1201 Nelspruit (ZA).

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

(72, 75) **VENTER, Ebenaeser** [ZA/ZA]; 9A Keurboom Street, 6520 Hartenbos (ZA).

(74) **DUNLOP, Alan, J., S.** et al. / etc.; Hahn & Hahn Inc., 222 Richard Street, Hatfield, 0083 Pretoria (ZA).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B42C 9/00**

(11) **WO 02/40290** (13) A1

(21) PCT/AU00/01449

(22) **27 Nov/nov 2000 (27.11.2000)**

(25) en (26) en

(30) PR 1576 **20 Nov/nov 2000 AU (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SPINE PRESSING IN A PAGE BINDING MACHINE

● PRESSAGE DU DOS DANS UNE MACHINE A RELIER LES PAGES

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, P.O. Box 207, Balmain, NSW 2041 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SILVERBROOK, Kia** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).

(74) **SILVERBROOK, Kia**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **B42D**

(11) **WO 02/40291** (13) A2

(21) PCT/US01/46682

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) en (26) en

(30) 60/245,404 **2 Nov/nov 2000 US (02.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● LENTICULAR CARD AND PROCESSES FOR MAKING

● CARTE LENTICULAIRE ET PROCESUS DE FABRICATION

(71) **TAYLOR CORPORATION** [US/US]; 1725 Roe Crest Drive, North Mankato, MN 56001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOMCZYK, John** [US/US]; 310 Oakhill Drive, Shoreview, MN 55126 (US).

(74) **VIKSINNS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B42D 15/10**

(11) **WO 02/40292** (13) A1

(21) PCT/KR01/01940

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ko (26) en

(30) 2000/67365 **14 Nov/nov 2000 KR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● THE COMPOSITION OF UV-SMELLING IN ALL SORTS OF CARDS

● COMPOSITION D'ENCRE ODO-RANTE UV POUR DIFFERENTS TYPES DE CARTES

(71, 72) **PARK, Sung, Soo** [KR/KR]; 606-ho / 8-Dong Jindallae Apartment Dogok2-dong, Gangnam-gu, Seoul 135-779 (KR).

(74) **HA, Moon-Soo**; H.M.S. Patent & Law Office, Ya Jeong Bldg. 4F, 736-16, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AU BR CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B43K 5/00, 8/02**

(11) **WO 02/40293** (13) A1

(21) PCT/CN01/01530

(22) **5 Nov/nov 2001 (05.11.2001)**

(25) zh (26) zh

(30) 00232325.7 **4 Nov/nov 2000 CN (04.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● HEMISPHEROIDAL PEN

● INSTRUMENT D'ECRITURE A BILLE DEMI-SPHERIQUE

(71, 72) **WEN, Fasheng** [CN/CN]; People's Hospital Lianshan County, Guangdong Province 513200 (CN).

(74) **CHINA SCIENCES PATENT & TRADE-MARK AGENT LIMITED**; 16th Floor, Zhongke Building, N. 80 Haidian Road, Haidian District, Beijing 100080 (CN).

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

d'utilité) LC LK LR LS (Utility model / modèle d'utilité) LT LU LV MA MD (Utility model / modèle d'utilité) MG MK MN MW MX (Utility model / modèle d'utilité) MZ NO NZ PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU (Utility model / modèle d'utilité) SD SE SG SI SK (Utility model / modèle d'utilité) SL (Utility model / modèle d'utilité) TJ (Utility model / modèle d'utilité) TM TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG US UZ (Utility model / modèle d'utilité) VN (Utility model / modèle d'utilité) YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **B44D 3/16, A47L 13/08, B23D 79/08**

(11) **WO 02/40294** (13) A1

(21) PCT/EP01/10769

(22) **18 Sep/sep 2001 (18.09.2001)**

(25) de (26) de

(30) 200 19 375.9 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● TOOL HOLDER

● PORTE-OUTIL

(71) **SCINTILLA AG** [CH/CH]; Postfach 632, CH-4501 Solothurn (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCHER, Martin** [CH/CH]; Drosselweg 29, CH-4500 Solothurn (CH).
GROLIMUND, Daniel [CH/CH]; Eichenweg 2, CH-4528 Zuchwil (CH).

(74) **BEHRENS, Ralf, Holger** et al. / etc.; Robert Bosch GmbH, Postfach 30 02 20, 70442 Stuttgart (DE).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **B60B 21/06**

(11) **WO 02/40295** (13) A1

(21) PCT/FR01/03485

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) fr (26) fr

(30) 00/14911 **14 Nov/nov 2000 FR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR MAKING A BICYCLE RIM DESIGNED TO BE MOUNTED TUBELESS AND RIM OBTAINED BY IMPLEMENTING SAID METHOD

● PROCEDE DE FABRICATION D'UNE JANTE DE BICYCLETTE PREVUE POUR UN MONTAGE SANS CHAMBRE A AIR ET JANTE OBTENUE PAR LA MISE EN OEUVRE DU PROCEDE

(71) **MAVIC S.A.** [FR/FR]; Le Ripel, F-01990 Saint-Trivier sur Moignans (FR).

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

(72, 75) **MERCAT, Jean-Pierre** [FR/FR]; 74, route de Cran Gevrier, F-74650 Chavanod (FR). **BERGERY, Raymond** [FR/FR]; Le Peleux, F-01090 Montmérie sur Saône (FR).

(74) **LEJEUNE, Benoît** et al. / etc.; Salomon S.A., Direction Juridique et Propriété Industrielle, F-74996 Annecy Cedex 9 (FR).

(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 DE (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP (Utility model / modèle d'utilité) 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B60C 11/24**

(11) **WO 02/40296** (13) A1

(21) PCT/FR01/03622

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) fr (26) fr

(30) 00/15243 **20 Nov/nov 2000 FR (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND DEVICE FOR DETECTING TYRE WEAR OR THE LIKE

● PROCEDE ET DISPOSITIF DETECTEUR D'USURE DES PNEUMATIQUES OU ANALOGUES

(71) **DUFURNIER TECHNOLOGIES SAS** [FR/FR]; 3, rue des Acilloux - Zone Industrielle, F-63800 Couronnes d'Auvergne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUFURNIER, Arnaud** [FR/FR]; 13, rue Cuvier, F-63000 Clermont-Ferrand (FR).

(74) **RICHEBOURG, Michel**; Cabinet Michel Richebourg, "Le Clos du Golf", 69, rue Saint-Simon, F-42000 Saint Etienne (FR).

(81) JP US.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designation / pour la désignation suivante : US

(t) for the following designation / pour la désignation suivante : US

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(51)⁷ **B60C 17/04**

(11) **WO 02/40297** (13) A1

(21) PCT/ES01/00444

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) es (26) es

(30) P 200002899 **20 Nov/nov 2000 ES (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SAFETY RING FOR PRESSURE TIRES

● CERCLE DE PREVISION POUR ROUE A PRESSION

(71, 72) **CRISTOBAL OLABUENAGA, Juan, A.** [ES/ES]; c/ Barrera, 10 1 °, E-01479 Luyando Ayala (ES).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **B60G 7/00, B62D 35/00, B60R 21/34, F16F 7/12**

(11) **WO 02/40298** (13) A1

(21) PCT/EP00/11493

(22) **18 Nov/nov 2000 (18.11.2000)**

(25) de (26) de

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MOTOR VEHICLE, IN PARTICULAR, A RACING VEHICLE COMPRISING A SECURING CABLE

● VEHICULE AUTOMOBILE, EN PARTICULIER VOITURE DE COURSE, AVEC CABLE DE SECURITE

(71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, 80809 München (DE).

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

(72, 75) **MÜHLBERGER, Michael** [DE/DE]; Gabelsbergerstrasse 44, 80333 München (DE).

(74) **SCHMIDT, Günter** et al. / etc.; BMW AG, Patentabteilung AJ-3, 80788 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **B60G 15/06, F16F 9/54**

(11) **WO 02/40299** (13) A1

(21) PCT/JP01/09903

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) ja (26) ja

(30) 2000-351296 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● INPUT SEPARATION TYPE STRUT SUSPENSION DEVICE

● DISPOSITIF DE SUSPENSION A JAMBE DE FORCE DU TYPE SEPARATION D'ENTREE

(71) **MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA** [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-8410 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOMOSE, Nobuo** [JP/JP]; c/o MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-8410 (JP). **NIINA, Yuzo** [JP/JP]; c/o MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-8410 (JP).

(74) **SANADA, Tamotsu**; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) CN DE JP KR US.

(51)⁷ **B60J**

(11) **WO 02/40300** (13) A2

(21) PCT/BR01/00139

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) PI 0005639-1 **14 Nov/nov 2000 BR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SHIELDING FOR VEHICLE WINDOWS AND SHIELDED VEHICLE

● BLINDAGE POUR VITRES DE VEHICULE ET VEHICULE BLINDE ASSOCIE

(71, 72) **GIAFFONE, Franco** [BR/BR]; R. Itamatai, n° 17 ap 81, CEP-05715-020 São Paulo, SP (BR). **GIAFFONE NETTO, Afonso** [BR/BR]; R. Alcantarilla, n° 206 ap 31, CEP-05717-170 São Paulo, SP (BR).

(74) **GAIARSA, Lucas, M.** et al. / etc.; Av Brigadeiro Faria Lima, n° 1485, 12th Floor, CEP-01452-002 São Paulo, SP (BR).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60K 15/03, G01M 3/22**

(11) **WO 02/40301** (13) A1

(21) PCT/DE01/04241

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) 100 56 680.4 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● FUEL TANK FOR A MOTOR VEHICLE
● RESERVOIR DE CARBURANT POUR UN VEHICULE A MOTEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **KELLER, Dieter** [DE/DE]; Hindemithstrasse 7, 63743 Aschaffenburg (DE). **ZAPP, Thomas** [DE/DE]; Sauerländerstrasse 17, 44265 Dortmund (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) BR JP US.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

- (51)⁷ **B60K 15/077**
 (11) **WO 02/40302** (13) A1
 (21) PCT/EP01/13533
 (22) **20 Nov/nov 2001 (20.11.2001)**
 (25) fr (26) fr
 (30) 00/14947 **20 Nov/nov 2000 FR (20.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • MOTOR VEHICLE FUEL TANK
 • RESERVOIR A CARBURANT DE VEHICULE AUTOMOBILE
 (71) **INERGY AUTOMOTIVE SYSTEMS MANAGEMENT** [FR/FR]; rue de Calais, 18, F-75009 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FIRTION, Eric** [FR/FR]; rue de la Sens, F-60150 Villers Sur Coudun (FR). **BAU-DOUX, Patrice** [FR/FR]; rue de la Gare, 45A, F-02520 Flavay le Martel (FR).
 (74) **DECAMPS, Alain** et al. / etc.; Solvay, Département de la Propriété Intellectuelle, Rue de Ransbeek, 310, B-1120 Bruxelles (BE).

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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; (t) for the following designation / pour la désignation suivante : US
 (u) for / pour US only / seulement

- (51)⁷ **B60K 17/00, 23/00, F16H 41/02, 47/00**
 (11) **WO 02/40303** (13) A1
 (21) PCT/CN01/01564
 (22) **19 Nov/nov 2001 (19.11.2001)**
 (25) zh (26) zh
 (30) 00126691.8 **20 Nov/nov 2000 CN (20.11.2000)**

- (30) 00225987.7 **20 Nov/nov 2000 CN (20.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • A TRANSMISSION MECHANISM OF A TRANSPORT MACHINE USING COMPRESSED AIR TO SAVE POWER AND BE SAFETY
 • MECANISME DE TRANSMISSION SUR POUR MOYEN DE TRANSPORT A AIR COMPRIME ET A ECONOMIE D'ENERGIE
 (71, 72) **LIU, Chuting** [CN/CN]; No. 1-2-3-1-Wangyuehu, Yuelu District, Changsha City, Hunan 410006 (CN).
 (74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 10/F, Ocean Plaza, 158 Fuxingmennei Street, Beijing 100031 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ **B60K 17/04, 7/00**
 (11) **WO 02/40304** (13) A1
 (21) PCT/EP01/13177
 (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) de (26) de
 (30) 100 57 092.5 **17 Nov/nov 2000 DE (17.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • WHEEL DRIVE FOR A VEHICLE, COMPRISING AN ELECTRIC MOTOR AND A CONTINUOUSLY ADJUSTABLE TRANSMISSION
 • SYSTEME D'ENTRAINEMENT DE ROUE A MOTEUR ELECTRIQUE ET TRANSMISSION A VARIATION CONTINUE, DESTINE A UN VEHICULE
 (71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BOLLMANN, Stefan** [DE/DE]; Sommerweg 47, 88048 Lipbach (DE). **WALTER, Bruno** [DE/DE]; Waggershäuser Strasse 10, 88045 Friedrichshafen (DE).
 (74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (DE).
 (81) KR NO US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)⁷ **B60K 23/02, F16D 23/12**
 (11) **WO 02/40305** (13) A1
 (21) PCT/GB01/05122
 (22) **20 Nov/nov 2001 (20.11.2001)**
 (25) en (26) en
 (30) 0028260.8 **20 Nov/nov 2000 GB (20.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
 (54) • CLUTCH ACTUATING MECHANISM
 • MECANISME D'ACTIONNEMENT D'EMBRAYAGE
 (71) **PRODRIVE 2000 LIMITED** [GB/GB]; Acorn Way, Banbury, Oxfordshire OX16 7XS (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MEPHAM, Shaun** [GB/GB]; Prodrive 2000 Limited, Acorn Way, Banbury, Oxfordshire OX16 7XS (GB).
 (74) **COWAN, David, Robert** 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **B60K 28/16**
 (11) **WO 02/40306** (13) A1
 (21) PCT/EP01/12507
 (22) **30 Oct/oct 2001 (30.10.2001)**
 (25) de (26) de
 (30) 100 56 760.6 **16 Nov/nov 2000 DE (16.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • REGULATING METHOD FOR INCREASING THE TRACTION OF A VEHICLE WHILE MAINTAINING CONSTANT VEHICLE STABILITY
 • PROCEDE DE REGLAGE PERMETTANT D'AUGMENTER LA TRACTION D'UN VEHICULE POUR UNE MEME UNE STABILITE
 (71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, 80809 München (DE). **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) **HERB, Eugen** [DE/DE]; Luisenstr. 68, 80798 München (DE). **STRAUB, Alfred** [DE/DE]; Tulpenstr. 18, 82281 Egenhofen (DE). **HARTMANN, Uwe** [DE/DE]; Eltinger Str. 22, 70839 Gerlingen (DE).
 (74) **WESEL-MAIR, Julia** et al. / etc.; Bayerische Motoren Werke Aktiengesellschaft, Patentabteilung AJ-3, 80788 München (DE).
 (81) JP US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ **B60K 35/00**
 (11) **WO 02/40307** (13) A1
 (21) PCT/EP01/11670

- (22) **9 Oct/oct 2001 (09.10.2001)**
(25) de (26) de
- (30) 100 56 306.6 **14 Nov/nov 2000 DE (14.11.2000)**
- (30) 101 39 693.7 **11 Aug/août 2001 DE (11.08.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MULTIFUNCTION OPERATING DEVICE
• DISPOSITIF DE COMMANDE MULTIFONCTION
- (71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; 38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEIMERMANN, Matthias** [DE/DE]; Campestrasse 3A, 38302 Wolfenbüttel (DE).
WENGLNIK, Heino [DE/DE]; Herzog-Franz Strasse 36, 38442 Wolfsburg (DE).
SCHNIER, Carsten [DE/DE]; Am Bennevoss 14, 38259 Salzgitter (DE).
- (74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, 38436 Wolfsburg (DE).
- (81) CN JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60N 2/00**
(11) **WO 02/40308** (13) A2
(21) PCT/US01/47684
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) 09/715,579 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • VEHICLE SEAT
• SIEGE DE VEHICULE
(71) **JOHNSON CONTROLS TECHNOLOGY COMPANY** [US/US]; 49200 Halyard Drive, Plymouth, MI 48170 (US).
(72) **SEIBOLD, Kurt, A.**; 11896 Fairway Drive, South Lyon, MI 48178 (US).
(74) **GUNDERSEN, JEFFREY, S.**; Foley & Lardner, 777 E. Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).
(81) JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60N 2/08**
(11) **WO 02/40309** (13) A2
(21) PCT/DE01/04275
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) de (26) de
(30) 100 57 712.1 **15 Nov/nov 2000 DE (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • MOTOR VEHICLE SEAT
• SIEGE DE VEHICULE AUTOMOBILE
(71) **BROSE FAHRZEUGTEILE GMBH & CO. KG, COBURG** [DE/DE]; Ketschendorfer Strasse 38-50, 96450 Coburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **RAUSCH, Peter** [DE/DE]; Bergstrasse 1, 96450 Coburg (DE). **SUCK, Wolfgang** [DE/DE]; Nelkenweg 21, 96450 Coburg (DE). **SCHWERDTNER, Christina** [DE/DE]; Kantstrasse 3, 96465 Neustadt (DE).
(74) **BAUMGÄRTEL, Gunnar**; Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).
(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60N 2/10, 2/14**
(11) **WO 02/40311** (13) A1
(21) PCT/FR01/03386
(22) **31 Oct/oct 2001 (31.10.2001)**
(25) fr (26) fr
(30) 00/14730 **15 Nov/nov 2000 FR (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • MOTOR VEHICLE FRONT SEAT
• SIEGE AVANT POUR VEHICULE AUTOMOBILE
(71) **PEUGEOT CITROEN AUTOMOBILES** [FR/FR]; 62, boulevard Victor Hugo, F-92200 Neuilly sur Seine (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MICHEL, Serge** [FR/FR]; 30, rue des Ventines, F-78840 Freneuse (FR).
(74) **DAGES, Olivier**; PSA Peugeot Citroen, Propriété Industrielle, 18, rue des Fauvelles, F-92250 la Garenne Colombes (FR).
-
- (81) JP US.
Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **B60N 2/12**
(11) **WO 02/40312** (13) A1
(21) PCT/DE01/04244
(22) **9 Nov/nov 2001 (09.11.2001)**
(25) de (26) de
(30) 100 57 723.7 **15 Nov/nov 2000 DE (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • VEHICLE SEAT
• SIEGE DE VEHICULE
(71) **BROSE FAHRZEUGTEILE GMBH & CO. KG, COBURG** [DE/DE]; Ketschendorfer Str. 38-50, 96450 Coburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SCHWERDTNER, Christina** [DE/DE]; Kantstrasse 3, 96465 Neustadt (DE). **RAUSCH, Peter** [DE/DE]; Bergstrasse 1, 96450 Coburg (DE). **SUCK, Wolfgang** [DE/DE]; Nelkenweg 21, 96450 Coburg (DE).
(74) **NINNEMANN, Detlef**; Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).
(81) US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60N 2/12**
(11) **WO 02/40313** (13) A1
(21) PCT/DE01/04274
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) de (26) de
(30) 100 57 724.5 **15 Nov/nov 2000 DE (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • MOTOR VEHICLE SEAT
• SIEGE DE VEHICULE
(71) **BROSE FAHRZEUGTEILE GMBH & CO. KG, COBURG** [DE/DE]; Ketschendorfer Strasse 38-50, 96450 Coburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **RAUSCH, Peter** [DE/DE]; Bergstrasse 1, 96450 Coburg (DE). **SUCK, Wolfgang** [DE/DE]; Nelkenweg 21, 96450 Coburg (DE). **SCHWERDTNER, Christina** [DE/DE]; Kantstrasse 3, 96465 Neustadt (DE).
(74) **BAUMGÄRTEL, Gunnar**; Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).
(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60P**
(11) **WO 02/40314** (13) A2
(21) PCT/IB01/02150

- (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) en (26) en
 (30) 2000/6644 **15 Nov/nov 2000 ZA (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **A LOAD CARRYING VEHICLE**
 ● VEHICULE DE TRANSPORT DE CHARGES
- (71, 72) **LONG, Mark, James** [ZA/ZA]; 5 Glenmore Close, Assagay, 3610 HILLCREST (ZA).
- (72, 75) **MAY, Desley, Henwood** [ZA/ZA]; 22 Waterhouse Road, Bluff, 4051 DURBAN (ZA).
- (74) **ROTTEVEEL, Martin**; Adams & Adams, Private Bag 16, Adams & Adams Place 16 Cranbrook Crescent, La Lucia Ridge Office Park, 4320 UMHLANGA (ZA).
- (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (q1)
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- (51)⁷ **B60P 1/28, B60R 13/01, B62D 33/02, 25/20, B65D 90/04, E02F 3/40**
 (11) **WO 02/40315** (13) A1
 (21) PCT/AU01/01409
 (22) **20 Nov/nov 2001 (20.11.2001)**
 (25) en (26) en
 (30) PR 1531 **20 Nov/nov 2000 AU (20.11.2000)**
 (30) PR 6830 **3 Aug/août 2001 AU (03.08.2001)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **A MATERIALS TRANSPORT CONTAINER**
 ● CONTENEUR DE TRANSPORT DE MATIERES
- (71, 72) **KOSTECKI, Gene** [AU/AU]; 40 Bramwell Road, Noranda, W.A. 6062 (AU).
- (74) **A.P.T. PATENT AND TRADE MARK ATTORNEYS**; P.O. Box 222, Mitcham, S.A. 5062 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B60Q 1/34, 9/00**
 (11) **WO 02/40316** (13) A1
 (21) PCT/ES01/00426
 (22) **7 Nov/nov 2001 (07.11.2001)**
 (25) es (26) es
 (30) U200002767 **15 Nov/nov 2000 ES (15.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **DEVICE FOR ALTERNATIVE TURN SIGNAL INDICATOR IN VEHICLES**
 ● DISPOSITIF DE SIGNALISATION ALTERNATIVE PAR CLIGNOTANT UTILISE DANS DES VEHICULES
- (71, 72) **JAIMEZ CORDON, Francisco** [ES/ES]; Capitán Martí, 34, 1º D, E-03550 San Juan (Alicante) (ES).
- (74) **SEMPERE MASSA, Iván, Luis**; Padima, C/Bazán, 20, 6º, Ofic. 606, E-03001 Alicante (ES).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60R**
 (11) **WO 02/40317** (13) A2
 (21) PCT/US01/44076
 (22) **6 Nov/nov 2001 (06.11.2001)**
 (25) en (26) en
 (30) 60/248,997 **15 Nov/nov 2000 US (15.11.2000)**
 (30) 09/949,702 **10 Sep/sep 2001 US (10.09.2001)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD AND APPARATUS FOR DEPLOYMENT OF AN AIR BAG**
 ● PROCEDE ET DISPOSITIF DESTINES AU DEPLOIEMENT D'UN AIRBAG
- (71) **DELPHI TECHNOLOGIES, INC.** [US/US]; 5725 Delphi Drive, Troy, MI 48098-2815 (US).
- (72) **YOON, Joseph, Y.**; 3212 Lexham Lane, Rochester Hills, MI 48309 (US). **LITTLE, David, R.**; 5420 Princeton Place, Kokomo, IN 46902 (US).
- (74) **MARRA, Kathryn, A.**; Delphi Technologies, Inc., P.O. Box 5052, Mail Code:480-414-420, Troy, MI 48007-5052 (US).
- (81) JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60R 13/02, B60J 5/04**
 (11) **WO 02/40318** (13) A1
 (21) PCT/EP01/13220
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) fr (26) fr
 (30) 0014816 **15 Nov/nov 2000 FR (15.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **TRIM PANEL AND MOTOR VEHICLE DOOR EQUIPPED WITH SAME**
 ● PANNEAU DE GARNISSAGE ET PORTE DE VEHICULE AUTOMOBILE EQUIPEE DE CE PANNEAU DE GARNISSAGE
- (71) **VALEO SECURITE HABITACLE** [FR/FR]; 42 rue le Corbusier, Europarc, F-94042 Creteil (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERTOLINI, Carlo** [FR/FR]; 3 domaine de l'Abbaye, F-78810 Feucherolles (FR).
- (74) **CROONENBROEK, Thomas et al.** / etc.; Valeo Securite Habitacle, 42 rue le Corbusier, Europarc, F-94042 Creteil (FR).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **B60R 21/00**
 (11) **WO 02/40319** (13) A2
 (21) PCT/US01/44985
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) en (26) en
 (30) 09/714,696 **16 Nov/nov 2000 US (16.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **DETECTION SYSTEMS AND METHODS**
 ● SYSTEMES ET PROCEDES DE DETECTION
- (71) **AUTOLIV ASP, INC.** [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).
- (71, 72) **NEFF, George, R.** [—/US]; 1700 Fairmount Avenue, La Canada, CA 91011 (US). **NEFF, Jimmie, K.** [—/US]; 11537 Zelzah Avenue, Granada Hills, CA 91344 (US).
- (72) **RINK, Karl, K.**; 3711 East 4350 North, Liberty, UT 84310 (US). **GREEN, David, J.**; 632 West 300 North, Brigham City, UT 84302 (US). **PIEROTTI, John, L.**; 6742 East 200 North, Huntsville, UT 84317 (US). **YOUNG, Anthony, M.**; 597 North 100 West, Brigham City, UT 84392 (US).
- (74) **KOTTIS, Nick, C.**; Pauley Petersen Kinne & Erickson, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US) et al. / etc.
- (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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
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- (51)⁷ **B60R 21/01**
 (11) **WO 02/40320** (13) A1
 (21) PCT/DE00/03995
 (22) **14 Nov/nov 2000 (14.11.2000)**

- (25) de (26) de
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND DEVICE FOR DETERMINING WHETHER THE INTERIOR OF A VEHICLE IS OCCUPIED
● PROCEDE ET SYSTEME POUR DETERMINER L'OCCUPATION DE L'HABITACLE D'UN VEHICULE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ERTL, Ludwig** [DE/DE]; Aussiger Str. 8, 93057 Regensburg (DE). **KOEHLER, Thorsten** [DE/DE]; Franz-Von-Taxis-Ring 2, 93049 Regensburg (DE). **ZITTLAU, Dirk** [DE/DE]; Kastanienweg 9A, 92348 Stoeckelsberg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60R 21/01**
(11) **WO 02/40321** (13) A1
(21) PCT/DE01/03991
(22) **19 Oct/oct 2001 (19.10.2001)**
(25) de (26) de
(30) 100 57 258.8 **18 Nov/nov 2000 (18.11.2000)** DE
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● DEVICE AND METHOD FOR SIDE-IMPACT IDENTIFICATION
● DISPOSITIF ET PROCEDE DE RECONNAISSANCE DE CHOC LATERAL
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 20 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATTES, Bernhard** [DE/DE]; Querstrasse 41, 74343 Sachsenheim (DE). **ZABLER, Erich** [DE/DE]; Brunhildstrasse 11, 76297 Stutensee (DE). **KOCHER, Pascal** [FR/FR]; 16, rue des Champs, 67530 Ottrott (FR). **BURBAUM, Christoph** [DE/DE]; Burgherrenstrasse 99a, 70469 Stuttgart (DE). **RECKNAGEL, Rolf-Juergen** [DE/DE]; J.-Auerstrasse 19, 07747 Jena (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60R 21/16, 21/22**
(11) **WO 02/40322** (13) A1
(21) PCT/SE01/02408
(22) **2 Nov/nov 2001 (02.11.2001)**
(25) en (26) en
(30) 0028000.8 **16 Nov/nov 2000 (16.11.2000)** GB
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● AN AIR-BAG ARRANGEMENT
● CONFIGURATION D'UN AIR BAG
- (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) **ERIKSSON, Dick** [SE/SE]; Tomtevägen 1, S-441 35 Alingsås (SE).
- (74) **MEULLER, Erik**; Autoliv Development AB, S-447 83 Vårgårda (SE).
- (81) AU BR CA CN DE ES GB JP KR MX US ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B60R 21/20, 21/26**
(11) **WO 02/40323** (13) A1
(21) PCT/DE01/04273
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) de (26) de
(30) 200 19 636.7 **17 Nov/nov 2000 (17.11.2000)** DE
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● AIRBAG UNIT
● UNITE SAC GONFLABLE
- (71) **ZF LEMFÖRDER METALLWAREN AG** [DE/DE]; Postfach 1220, 49441 Lemförde (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WAGENER, Keit** [DE/DE]; Gradweg 4, 49143 Bissendorf (DE). **RICK, Ulrich** [DE/DE]; Sponheimer Strasse 3, 55595 Roxheim (DE).
- (81) BR JP MX US.
- Published / Publiée : (c)
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- (51)⁷ **B60R 21/26**
(11) **WO 02/40324** (13) A2
(21) PCT/US01/45047
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 09/716,831 **17 Nov/nov 2000 (17.11.2000)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● TABLET FORM OF GAS GENERANT
● GENERATEUR DE GAZ EN FORME DE PASTILLE
- (71) **AUTOLIV ASP, INC.** [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).
- (72) **BARNES, Michael, W.**; 420 North 300 East, Brigham City, UT 84302 (US). **SMITH, Gary, L.**; 1595 East 2700 North, Layton, UT 84040 (US).
- (74) **KOTTIS, Nick, C.** et al. / etc.; Pauley Petersen Kinne & Erickson, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B60R 25/00**
(11) **WO 02/40325** (13) A1
(21) PCT/EP01/12091
(22) **19 Oct/oct 2001 (19.10.2001)**
(25) de (26) de
(30) 100 56 573.5 **15 Nov/nov 2000 (15.11.2000)** DE
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● TRANSPONDER KEY FOR AN ELECTRONIC IMMOBILISER FUNCTION
● CLE DE TRANSPONDEUR POUR FONCTION ANTIDEMARRAGE ELECTRONIQUE
- (71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, 80809 München (DE). **HUG 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) **KALTENBRUNNER, Martin** [DE/DE]; Kleinschafthausen 2, 84416 Taufkirchen (DE). **KEMMANN, Harald** [DE/DE]; Im Spring 13, 42555 Velbert (DE).
- (74) **BULLWEIN, Fritz**; Bayerische Motoren Werke Aktiengesellschaft, Patentabteilung AJ-3, 80788 München (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **B60R 27/00, 5/04, 13/01**
(11) **WO 02/40326** (13) A1
(21) PCT/AU01/01472
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en
(30) PR 1481 **14 Nov/nov 2000 (14.11.2000)** AU
(43) 23 May/mai 2002 (23.05.2002)
- (54) ● CAR BOOT LIP PROTECTION COVER
● COUVERCLE DE PROTECTION DE LEVRE DE COFFRE DE VOITURE
- (71, 72) **PICKARD, Stephen, Clifford** [AU/AU]; 29 Coates Street, Morningside, Queensland 4170 (AU).
- (74) **PIZZEYS**; Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60S 1/38

(11) WO 02/40327 (13) A1

(21) PCT/DE01/04079

(22) 27 Oct/oct 2001 (27.10.2001)

(25) de (26) de

(30) 100 56 425.9 14 Nov/nov 2000 DE (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● WIPER BLADE FOR A WINDSCREEN WIPER

● BALAI D'ESSUIE-GLACE

(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) HERINCKX, Dirk [BE/BE]; Driesstraat 18A, B-3350 Linter (BE). PEETERS, Parcifal [BE/BE]; Thonitlaan 54, B-2050 Antwerpen (BE). JANSSENS, Yves [BE/BE]; Lenaertsstraat 47, B-3800 sint-Truiden (BE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

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

(51)⁷ B60S 1/38, 1/40

(11) WO 02/40328 (13) A1

(21) PCT/DE01/04270

(22) 16 Nov/nov 2001 (16.11.2001)

(25) de (26) de

(30) 100 57 254.5 18 Nov/nov 2000 DE (18.11.2000)

(30) 101 30 903.1 27 Jun/juin 2001 DE (27.06.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● DEVICE FOR DETACHABLY CONNECTING A WIPER BLADE FOR CLEANING WINDOWS OF, IN PARTICULAR, MOTOR VEHICLES TO A DRIVEN WIPER ARM

● DISPOSITIF DE FIXATION LIBERABLE D'UN ESSUIE-GLACE POUR LE NETTOYAGE DE VITRES, EN PARTICULIER DE VEHICULES A MOTEUR, SUR UN BRAS D'ESSUIE-GLACE

(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) WEBER, Matthias [DE/DE]; Im Lindenschosch 51, 76534 Baden-Baden (DE). RAPP, Harald [DE/DE]; Schaezelstrasse 2a, 77815 Buehl (DE). KRAEMER, Godelieve [BE/DE]; Oberwaldstrasse

6, 76549 Huelgelshelm (DE). MAYER, Juergen [DE/DE]; August-Euler-Weg 3, 76571 Gaggenau (DE). LEUTSCH, Wolfgang [DE/DE]; Laengenbergweg 1, 77830 Buehlertal (DE). BASEOTTO, Michel [BE/BE]; Sint Druidersedenweg 315, Box 4, B-3550 Hasselt (BE). HERINCKX, Dirk [BE/BE]; Driesstraat 18A, B-3350 Linter (BE). DE BLOCK, Peter [BE/BE]; Pandputweg 5, B-3545 Halen (BE). VERELST, Hubert [BE/BE]; Groot Overlaer 245, B-3300 Tienen (BE). HOLSBECKX, Philippe [BE/BE]; Kzoonstraat 61, B-3018 Wygmoel (BE). BREESCH, Frans [BE/BE]; Von Leewwen 21, B-3840 Borgloon (BE). WINDMOLDERS, Eric [BE/BE]; Strochstraat 6, B-3510 Kermt (BE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

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

(51)⁷ B60S 1/38, 1/40

(11) WO 02/40329 (13) A1

(21) PCT/DE01/04307

(22) 16 Nov/nov 2001 (16.11.2001)

(25) de (26) de

(30) 100 57 253.7 18 Nov/nov 2000 DE (18.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● WINDSCREEN WIPER WITH A DRIVEN WIPER ARM AND WIPER BLADE JOINTED THERETO FOR CLEANING SCREENS IN PARTICULAR ON MOTOR VEHICLES

● LEVIER D'ESSUIE-GLACE COMPORTANT UN BRAS D'ESSUIE-GLACE ENTRAINE ET UNE RACLETTE D'ESSUIE-GLACE ARTICULEE SUR LEDIT BRAS POUR LE NETTOYAGE DE VITRES, EN PARTICULIER DE VEHICULES AUTOMOBILES

(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) BREESCH, Frans [BE/BE]; Von Leewwen 21, B-3840 Borloon (BE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

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

(51)⁷ B60T 1/087, 10/02, F16H 59/54, B60H 1/03, F16H 61/02

(11) WO 02/40330 (13) A1

(21) PCT/EP01/13176

(22) 14 Nov/nov 2001 (14.11.2001)

(25) de (26) de

(30) 100 57 089.5 17 Nov/nov 2000 DE (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR INCREASING BRAKE EFFICIENCY

● PROCÉDÉ D'AUGMENTATION DE L'EFFET DE FREINAGE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) REISCH, Bernhard [DE/DE]; Am Schönblick 18, 88316 Isny (DE). SCHMIDTNER, Peter [DE/DE]; Otto-Hahn-Strasse 16, 88131 Lindau (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B60T 8/00

(11) WO 02/40331 (13) A1

(21) PCT/EP01/13359

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 100 57 059.3 17 Nov/nov 2000 DE (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD OF AND DEVICE FOR ACQUIRING DATA OF DYNAMIC PHYSICAL PROCESSES VIA A RADIO LINK

● PROCÉDÉ ET DISPOSITIF D'ACQUISITION DE DONNEES DE PROCESSUS PHYSIQUE DYNAMIQUE PAR LE BIAIS D'UNE LAISON RADIO

(71, 72) REINDL, Leonhard [DE/DE]; Leibnizstrasse 28, 38678 Claustal-Zellerfeld (DE).

(74) REHBERG, Elmar et al. / etc.; Nikolausberger Weg 62, 37073 Göttingen (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 SD SE SG SI SK SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60T 13/575

(11) WO 02/40332 (13) A1

(21) PCT/EP01/14204

- (22) **13 Nov/nov 2001 (13.11.2001)**
 (25) fr (26) fr
 (30) 00/15299 **15 Nov/nov 2000 FR (15.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) ● BRAKE SERVO UNIT COMPRISING A REACTION DISC DEVICE
 ● SERVOMOTEUR COMPORTANT UN DISPOSITIF A DISQUE DE REACTION
 (71) **BOSCH SISTEMAS DE FRENADO, S.L.** [ES/ES]; Balmes 243, Apartado 9556, E-08080 Barcelone 6 (ES).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SIMON BACARDIT, Juan** [ES/ES]; Calle Mallorca 451, 6^o, 4A, E-08013 Barcelone (ES).
 (74) **SCRIVANO, Nicolas**; Bosch Systemes de Freinage, 126, rue de Stalingrad, F- 93700 Drancy (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **B61F 3/00, B61D 1/00**
 (11) **WO 02/40333** (13) A1
 (21) PCT/US01/51358
 (22) **9 Nov/nov 2001 (09.11.2001)**
 (25) en (26) en
 (30) 09/712,772 **14 Nov/nov 2000 US (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) ● LIGHTWEIGHT TRUCK SIDEFRAME
 ● LONGERON DE BOGIE LEGER
 (71) **BUCKEYE STEEL CASTINGS COMPANY** [US/US]; 2211 Parsons Avenue, Columbus, OH 43207 (US).
 (72) **STECKER, Todd, W.**; 6626 Fallon Lane, Canal Winchester, OH 43110 (US). **POLLEY, Richard, B.**; 5565 Mountain Springs Court, Gahanna, OH 43230 (US). **BOSTER, Roger, D., II**; 7841 Grandlin Park Court, Blacklick, OH 43004 (US).
 (74) **BUROW, Scott, A.** et al. / etc.; Banner & Witcoff, Ltd., Suite 3000, 10 S. Wacker Drive, Chicago, IL 60606-7407 (US).
 (81) AU CA CN IN MX ZA.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :
 (s) for all designations / pour toutes les désignations
 (t) for all designations / pour toutes les désignations

- (51)⁷ **B62B 1/18, 1/20**
 (11) **WO 02/40334** (13) A1
 (21) PCT/AU01/01470
 (22) **13 Nov/nov 2001 (13.11.2001)**
 (25) en (26) en
 (30) PR 1447 **14 Nov/nov 2000 AU (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) ● DEVICE TO ASSIST PROPULSION OF HAND-PROPELLED VEHICLES
 ● DISPOSITIF POUR PROPULSION ASSISTEE DE VEHICULES A PROPULSION MANUELLE

(71, 72) **DUNBAR, Kenneth, Barrie** [AU/AU]; 33 Main Rd, Gembrook, VIC (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ **B62C 7/00**
 (11) **WO 02/40335** (13) A1
 (21) PCT/US01/46351
 (22) **22 Oct/oct 2001 (22.10.2001)**
 (25) en (26) en
 (30) 09/716,666 **20 Nov/nov 2000 US (20.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
 (54) ● TRAILER HITCH COVER ASSEMBLY
 ● ENSEMBLE BOITIER D'ATTELAGE DE REMORQUE
 (71) **BLAKE DESIGN GROUP, LLC** [US/US]; Suite 600, 2075 West Big Beaver Road, Troy, MI 48084 (US).
 (72) **BLAKE, Robert, B.**; 1580 Jewell Street, Ferndale, MI 48220 (US).

(74) **BLISS, Daniel, H.** et al. / etc.; Bliss McGlynn & Nolan, P.C., Suite 600, 2075 West Big Beaver Road, Troy, MI 48084 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

- (51)⁷ **B62D 1/16, 5/04**
 (11) **WO 02/40336** (13) A1
 (21) PCT/DE01/04261
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) de (26) de

- (30) 100 57 242.1 **18 Nov/nov 2000 DE (18.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
 (54) ● COUPLING FOR A STEER-BY-WIRE STEERING SYSTEM
 ● EMBRAYAGE POUR UN SYSTEME DE DIRECTION A COMMANDE PAR CABLE (STEER-BY-WIRE)

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE). **ZF LENKSYSTEME GMBH** [DE/DE]; 73522 Schwäbisch Gmünd (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **DOMINKE, Peter** [DE/DE]; Rechenhofenerstrasse 9, 74321 Bittingheim-Bissingen (DE). **CAO, Chi-Thuan** [DE/DE]; Tubizer Strasse 35, 70825 Korntal-Münchingen (DE). **PFEIFFER, Wolfgang** [DE/DE]; Braunersbergsteige 13, 71723 Grossbottwar (DE). **LEIMBACH, Klaus-Dieter** [DE/DE]; Amselweg 11, 73569 Eschach (DE). **HARTER, Werner** [DE/DE]; Hummelberg 4, 75428 Illingen (DE). **HAFERMALZ, Jens** [DE/DE]; Unterstr. 26, 76829 Landau-Mörzheim (DE). **KNÖDLER, Helmut** [DE/DE]; Elsternweg 6, 73547 Lorch (DE). **LEUTNER, Wilfried** [DE/DE]; Laichlesweg 4, 73527 Schwäbisch Gmünd (DE). **SCHUELE, Juergen** [DE/DE]; Schillerstr. 19, 73525 Schwäbisch Gmünd (DE). **LOHNER, Herbert** [DE/DE]; Wimsheimerstrasse 15/3, 71292 Frielzheim (DE).

- (81) JP US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ **B62D 5/06**
 (11) **WO 02/40337** (13) A1
 (21) PCT/SE01/02546
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) sv (26) en
 (30) 0004243-2 **20 Nov/nov 2000 SE (20.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
 (54) ● DRIVE ARRANGEMENT FOR A POWER STEERING PUMP
 ● DISPOSITIF D'ENTRAINEMENT POUR POMPE DE SERVODIRECTION

(71) **SCANIA CV AB (publ)** [SE/SE]; S-151 87 Södertälje (SE).
 (72) **WIGREN, Lars**; Badhusgatan 2, S-151 72 Södertälje (SE).

(74) **FORSELL, Hans**; Scania CV AB, Patents, S-151 87 Södertälje (SE).

- (81) BR.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ **B62D 6/02**
 (11) **WO 02/40338** (13) A1
 (21) PCT/EP01/12845
 (22) **7 Nov/nov 2001 (07.11.2001)**
 (25) de (26) de
 (30) 100 56 588.3 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR DETERMINING THE THEORETICAL ROTATIONAL VELOCITY OF AN ELECTRICAL MOTOR DRIVING A VEHICLE'S HYDRAULIC PUMP AND STEERING SYSTEM

• PROCEDE POUR DETERMINER LA VITESSE DE ROTATION THEORIQUE D'UN MOTEUR ELECTRIQUE POUR UNE POMPE HYDRAULIQUE ET SYSTEME DE DIRECTION DE VEHICULE

(71) **ZF LENKSYSTEME GMBH** [DE/DE]; Richard-Bullinger Str. 77, 73527 Schwäbisch Gmünd (DE).

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

(72, 75) **MÜLLER, Gerd** [DE/DE]; Hauptstrasse 21, 73540 Heubach (DE). **HIEGLER, Stephan** [DE/DE]; Römerstrasse 15, 73525 Schwäbisch Gmünd (DE).

(74) **ZF LENKSYSTEME GMBH**; Richard-Bullinger Str. 77, 73527 Schwäbisch Gmünd (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **B63B**(11) **WO 02/40339** (13) A2

(21) PCT/EA01/00004

(22) **7 Sep/sep 2001 (07.09.2001)**

(25) ru (26) ru

(30) 200001046 **8 Sep/sep 2000 (08.09.2000)** EA

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR REDUCING HYDRO-DYNAMIC RESISTANCE OF A FLOATING BODY

• PROCEDE POUR REDUIRE LA RESISTANCE D'UN CORPS FLOTTANT

(71, 72) **ZVERKHOVSKY, Jury Efimovich** [BY/BY]; ul. Orlovskaya, 17-26, Minsk, 220004 (BY).

(74) **VINOGRADOV, Sergey Gennadievich**; a/ya 114, Minsk, 220029 (BY).

(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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B63B**(11) **WO 02/40340** (13) A2

(21) PCT/NZ01/00255

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 508188 **14 Nov/nov 2000 (14.11.2000)** NZ

(30) 508742 **8 Dec/déc 2000 (08.12.2000)** NZ

(43) 23 May/mai 2002 (23.05.2002)

(54) • MULTIHULL BOAT

• BATEAU A MULTIPLES COQUES

(71, 72) **TREADWELL, Gray, Cooper** [NZ/NZ]; PO Box 11 500, Auckland (NZ).

(74) **SCHUCH, Ernest, Robert** et al. / etc.; Level 5, 22 The Terrace, P.O. Box 10 615, Wellington (NZ).

(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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B63B 3/44**(11) **WO 02/40341** (13) A1

(21) PCT/KR01/00770

(22) **14 May/mai 2001 (14.05.2001)**

(25) en (26) en

(30) 2000/67923 **16 Nov/nov 2000 (16.11.2000)** KR

(43) 23 May/mai 2002 (23.05.2002)

(54) • HIGH-EFFICIENCY BILGE KEELS

• QUILLES DE ROULIS A HAUT RENDEMENT

(71) **HYUNDAL HEAVY INDUSTRIES CO., LTD.** [KR/KR]; 1, Jeonha-Dong, Dong-Ku, Ulsan-si 682-792 (KR).

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

(72, 75) **NA, Jeong-Heon** [KR/KR]; Ocean Industry Reswarch Dept., Maritime Research Institute, 1, Jeonha-Dong, Dong-Ku, Ulsan-si 682-792 (KR).

(74) **CHOI, Young-Gyoo**; 8th Fl., Mointer Bldg., 1675-12, Seocho-Dong, Seocho-Gu, Seoul-Si 137-070 (KR).

(81) CN DE JP NO US.

(51)⁷ **B63C**(11) **WO 02/40342** (13) A2

(21) PCT/US01/46678

(22) **5 Nov/nov 2001 (05.11.2001)**

(25) en (26) en

(30) 60/247,605 **8 Nov/nov 2000 (08.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • SHORT-HAUL ESCAPE SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'EVACUATION SUR COURTE DISTANCE

(71, 72) **SUGDEN, Richard** [US/US]; 557 East Broadway, P.O. Box 2468, Jackson, WY 83001 (US).

(74) **FLANAGAN, John, R.**; Flanagan & Flanagan, P.O. Box 11300, Jackson Hole, WY 83002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **B63C 11/18**(11) **WO 02/40343** (13) A1

(21) PCT/IB01/02142

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/248,249 **15 Nov/nov 2000 (15.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • OPEN-CIRCUIT SELF-CONTAINED UNDERWATER BREATHING APPARATUS

• APPAREIL DE RESPIRATION SOUS L'EAU AUTONOME A CIRCUIT OUVERT

(71, 72) **BODNER, Alan-Izhar** [IL/IL]; HaMeyasdim 7a, 30900 Zichron Yaakov (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **B63H 11/107**(11) **WO 02/40344** (13) A1

(21) PCT/SE01/02516

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0004174-9 **14 Nov/nov 2000 (14.11.2000)** SE

(43) 23 May/mai 2002 (23.05.2002)

(54) • STEERING ARRANGEMENT FOR SHIPS WITH WATER JET UNIT

• DISPOSITIF DE GOUVERNAIL POUR NAVIRES A ELEMENT HYDROJET

(71) **ROLLS-ROYCE AKTIEBOLAG** [SE/SE]; Box 1010, S-681 29 Kristinehamn (SE).

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

- (72, 75) **HÄGER, Christer** [SE/SE]; Linnégatan 21, S-681 43 Kristinehamn (SE). **KARLSSON, Sven-Gunnar** [SE/SE]; Åkervägen 23, S-681 43 Kristinehamn (SE).
- (74) **HYNELL, Magnus** et al. / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (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 ES FI FR GB GR IE IT LU MC NL PT SE 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B64C 13/20, F16C 7/02, G01L 5/10**
(11) **WO 02/40345** (13) A1
(21) PCT/US01/40773
(22) **21 May/mai 2001 (21.05.2001)**
(25) en (26) en
(30) 09/716,767 **16 Nov/nov 2000 US (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **FORCE SENSOR ROD**
• **BIELLE DE DÉTECTION DE FORCE**
(71) **TYEE AIRCRAFT** [US/US]; 3008 100th Street Southwest, Everett, WA 98204 (US). *(for all designated States except / pour tous les États désignés sauf US)*
(72, 75) **MOORE, Daniel, Lee** [US/US]; 24203 104th Place West, Edmonds, WA 98020 (US).
(74) **GARSCIA, Mark**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B64C 13/28, F16H 25/22**
(11) **WO 02/40346** (13) A1
(21) PCT/GB01/05022
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 0027709.5 **14 Nov/nov 2000 GB (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
(54) • **ROLLER SCREW ACTUATOR**
• **ACTIONNEUR DE VIS A ROULEAUX SATELLITES**
(71) **COVENTRY UNIVERSITY** [GB/GB]; Priory Street, Coventry CV1 5FB (GB). *(for all designated States except / pour tous les États désignés sauf US)*
(72, 75) **MAYDEW, Mark** [GB/GB]; Coventry University, Priory Street, Coventry CV1 5FB (GB).
(74) **HALLAM, Arnold, Vincent** et al. / etc.; Lewis & Taylor, 5 The Quadrant, Coventry CV1 2EL (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B64D**
(11) **WO 02/40347** (13) A2
(21) PCT/US01/31046
(22) **27 Sep/sep 2001 (27.09.2001)**
(25) en (26) en
(30) 60/235,676 **27 Sep/sep 2000 US (27.09.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **MOUNTING ASSEMBLY FOR AN AIRCRAFT AUXILIARY POWER UNIT AND METHOD**
• **ENSEMBLE DE MONTAGE POUR GROUPE AUXILIAIRE DE BORD ET PROCEDE ASSOCIE**
(71) **LORD CORPORATION** [US/US]; 111 Lord Drive, PO Box 8012, Cary, NC 27512-8012 (US).
(72) **LEMIRE, Jacques**; 125 West 36th Street, Erie, PA 16508 (US). **OLSEN, Kirk, W.**; 649 West 50th Street, Erie, PA 16509 (US). **DEPRIEST, Francis, J.**; 5714 Mill Street, Erie, PA 16514 (US). **LAW, Thomas, R.**; 19031 State Highway 198, Saegerton, PA 16433 (US). **WHITEFORD, Gerald, P.**; 3508 Dublin Road, Waterford, PA 16441 (US). **BACHMEYER, Paul, J.**; 2113 Park Summit Boulevard, Apex, NC 27502 (US).
(74) **GNIBUS, Michael, M.** et al. / etc.; Lord Corporation, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **B65B**
(11) **WO 02/40348** (13) A2
(21) PCT/IB01/02825
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
- (30) 60/248,266 **14 Nov/nov 2000 US (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **APPARATUS FOR DISPENSING A ROLL OF MATERIAL**
• **APPAREIL DE DISTRIBUTION D'UN ROULEAU DE MATERIAU**
(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40191 Düsseldorf (DE).
(72) **KELDERS, Johannes, H. J. M.**; Eendekooi 22, NL-5151 Drunen (NL). **VULPITTA, Brian, A.**; 457 Crestwood Drive, Avon Lake, OH 44012 (US). **FERGUSON, Timothy, S.**; 1439 Bunts Road, Lakewood, OH 44107 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B65B 25/00**
(11) **WO 02/40349** (13) A1
(21) PCT/IB01/02131
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) it (26) en
(30) BO2000A000654 **14 Nov/nov 2000 IT (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **A MACHINE FOR PACKAGING ARTICLES, IN PARTICULAR CDS, DVDS AND THE LIKE, INTO CONTAINERS**
• **MACHINE PERMETTANT L'EMBALLAGE D'ARTICLES, EN PARTICULIER DE CD, DVD ETC, DANS DES RECEPTACLES**
(71) **SICHERA DI SICHERA GIANNI** [IT/IT]; Via Prati, 7/C, I-40050 Castello d'Argile (IT). *(for all designated States except / pour tous les États désignés sauf US)*
(72, 75) **SICHERA, Gianni** [IT/IT]; Via Provinciale Cento, 16/B, I-40066 Pieve di Cento (IT). **SICHERA, Massimiliano** [IT/IT]; Via Renazzo, 63, I-44045 Renazzo di Cento (IT).
(74) **DALL'OLIO, Giancarlo**; Interbrevetti S.r.l., Via delle Armi, 1, I-40137 Bologna (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

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

Published / Publiée : (c)

(51)⁷ **B65B 25/00**

(11) **WO 02/40350** (13) A1

(21) PCT/IB01/02132

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) it (26) en

(30) BO2000A000653 **14 Nov/nov 2000 IT (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND APPARATUS FOR INSERTING A COVER SHEET BETWEEN A TRANSPARENT FILM AND A BOOK-LIKE CASE

● PROCEDE ET DISPOSITIF PERMETTANT D'INTRODUIRE UNE FEUILLE DE COUVERTURE ENTRE UN FILM TRANSPARENT ET UN CONTENANT DU TYPE COUVERTURE DE LIVRE

(71) **SICHERA DI SICHERA GIANNI** [IT/IT]; Via Prati, 7/C, I-40050 Castello d'Argile (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SICHERA, Gianni** [IT/IT]; Via Provinciale Cento, 16/B, I-40066 Pieve di Cento (IT). **SICHERA, Massimiliano** [IT/IT]; Via Renazzo, 63, I-44045 Renazzo di Cento (IT).

(74) **DALL'OLIO, Giancarlo**; Interbrevetti S.r.l., Via delle Armi, 1, I-40137 Bologna (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65B 47/02, 11/50, B65D 65/46**

(11) **WO 02/40351** (13) A1

(21) PCT/US01/43964

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0028179.0 **17 Nov/nov 2000 GB (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCESS FOR PREPARING POUCHES
● PROCEDE DE PREPARATION DE POUCHES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **GRESSEL, Gregory, Martin**; 650 Flagstaff Drive, Cincinnati, OH 45215 (US). **MANION, Mark, Anthony**; 7935 Jolain Drive, Cincinnati, OH 45242 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **B65B 53/06, 33/04**

(11) **WO 02/40352** (13) A1

(21) PCT/EP01/12807

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) de (26) de

(30) 100 56 461.5 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND DEVICE FOR MULTISIDED WRAPPING OF IRREGULARLY SHAPED OBJECTS

● PROCEDE ET DISPOSITIF PERMETTANT L'EMBALLAGE MULTILATERAL D'OBJETS DE FORMES IRREGULIERES

(71) **MSK-VERPACKUNGS-SYSTEME GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG** [DE/DE]; Benzstrasse, 47533 Kleve (DE).

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

(72, 75) **VERMEULEN, Norbert** [DE/DE]; Hahnenacker 4, 47533 Kleve (DE).

(74) **STARK & PARTNER**; Moerser Strasse 140, 47803 Krefeld (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65B 61/18, 29/10**

(11) **WO 02/40353** (13) A1

(21) PCT/US01/43650

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/714,751 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD OF MAKING DUAL CHAMBER SACHET

● PROCEDE DE FABRICATION D'UNE POCHE A CHAMBRE DOUBLE

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

(72) **MILLON, Joel**; 630 May Street, Westfield, NJ 07090 (US). **FUQUEN, Orlando**; 11 Race Street, Princeton, NJ 08542 (US). **MILLER, Christopher, Joseph**; 271 Old Farm Road, Flemington, NJ 08822 (US). **WALSH, Scott, Murray**; 45 Green Heron Drive, Hackettstown, NJ 07840 (US).

(74) **MC GREAL, Michael, J.**; 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **B65B 61/20**

(11) **WO 02/40354** (13) A1

(21) PCT/CA01/01576

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/712,965 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD OF MANUFACTURE OF BEVERAGE CARTONS WITH A STRAW THEREIN

● PROCEDE DE REALISATION DE BRIQUES DE BOISSONS AUXQUELLES EST INTEGREE UNE PAILLE

(63) US 09/712,965 (CON) 16 Nov/nov 2000 (16.11.2000)

(71) **BEVTEK INC.** [—/—]; Caylaw Corporate Services, Kirk House, 3rd Floor, Albert Panton Street, P.O. Box 481G, Grand Cayman (KY). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUGHTON, Keith, Louis** [CA/CA]; 760 Quebec Street, Midland, Ontario L4R 1E8 (CA). **HAUGHTON, Glenn, Wallace** [CA/CA]; Suite 414, 75 Broadway Avenue, Toronto, Ontario M4P 1V1 (CA). **HILLAR, Peter, Christopher, Michael** [CA/CA]; 4129 Jesse Thomson Road, Stouffville, Ontario L4A 7X5 (CA).

(74) **HILL & SCHUMACHER**; 87 Falcon Street, Toronto, Ontario M4S 2P4 (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 NO NZ PH PL PT RO RU
SD SE SG SI 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65C

(11) WO 02/40355 (13) A2

(21) PCT/US01/43934

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/715,864 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● IDENTIFIER LABEL APPLICATION
SYSTEM

● SYSTEME D'APPLICATION DE MAR-
QUEURS D'IDENTIFICATION

(71, 72) MCLAWS, Brent, D. [US/US]; 16618
North Cincinnati Court, Spokane, WA 99208
(US). ALLEN, Ian, P. [AU/AU]; 16 Princes
Marina, Prince Street, Newport NSW 2108
(AU).

(74) HENDRICKSEN, Mark, W.; Wells, St.
John, Roberts, Gregory & Matkin, P.S., Suite
1300, 601 West First Avenue, Spokane, WA
99201 (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 PH PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ B65D

(11) WO 02/40356 (13) A2

(21) PCT/KR01/01933

(22) 13 Nov/nov 2001 (13.11.2001)

(25) ko (26) en

(30) 2000/67565 14 Nov/nov 2000 KR
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CONTAINER

● CONTENEUR

(71) KOREA ALPHALINE CO. LTD.
[KR/KR]; 435-5 Dunchon-dong, Kang-
dong-ku, Seoul 134-060 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WANG, Soo, Chang [KR/KR]; Samick
apartment 503-1003, 15 Myungil-1dong,
Kangdong-ku, Seoul 134-824 (KR).

(74) LEE, Ki-Sung; Room 1107, Jindo building
37, Dowha-Dong, Mapo-Gu, Seoul 121-732
(KR).

(81) BR CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ B65D

(11) WO 02/40357 (13) A2

(21) PCT/US01/47619

(22) 26 Oct/oct 2001 (26.10.2001)

(25) en (26) en

(30) 09/712,534 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● HANDLE ASSEMBLY FOR BULK
FLUID CONTAINERS

● ENSEMBLE A POIGNEE POUR RECI-
PIENTS CONTENANT UN FLUIDE VO-
LUMINEUX

(71) FLEXIBLE PRODUCTS COMPANY
[US/US]; N (US).

(72) DEAN, Michael; 200 Pruitt Drive, Al-
pharetta, GA 30004 (US). BROWN, Daniel,
P.; 8310 West 127th Street, Palos Park, IL
60464 (US). WILSON, Ross; 1120 North
35th Road, Utica, IL 61373 (US).

(74) BUFALINO, Angelo, J.; Vedder Price Kauf-
man & Kammholz, 222 N. LaSalle Street,
Chicago, IL 60601 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.

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

(51)⁷ B65D 5/00

(11) WO 02/40358 (13) A2

(21) PCT/US01/44149

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/712,871 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CARTON WITH ARTICLE DISPENSER

● CARTON EQUIPE D'UN DISTRIBU-
TEUR D'ARTICLES

(71) THE MEAD CORPORATION [US/US];
Legal Dept., Courthouse Plaza, NE, Dayton,
OH 45463 (US).

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

(72, 75) BATES, Aaron [US/US]; 2431 Rachel
Court, Marietta, GA 30066 (US). HOLLEY,
John, M, Jr [US/US]; 950 Brentwood Av-
enue, Lawrenceville, GA 30044 (US).

(74) SUZUKI, Tsugihiko et al. / etc.; The Mead
Corporation, 4850D North Church Lane,
Smyrna, GA 30080 (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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (q1)

(51)⁷ B65D 5/32

(11) WO 02/40359 (13) A2

(21) PCT/US01/43575

(22) 17 Nov/nov 2001 (17.11.2001)

(25) en (26) en

(30) 0028086.7 17 Nov/nov 2000 GB
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A TRAY CONTAINER AND BLANK

● CONTENANT SOUS FORME DE PLA-
TEAU ET DECOUPE

(71) THE MEAD CORPORATION [US/US];
LEGAL DEPT., Courthouse Plaza, NE, Day-
ton, OH 45463 (US).

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

(72, 75) LEBRAS, Philippe [FR/FR]; 13, rue de
la Bievre, F-36000 Chateauroux (FR).

(74) SUZUKI, Tsugihiko et al. / etc.; The Mead
Corporation, 4850D North Church Lane,
Smyrna, GA 30080 (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 PH PL PT RO RU
SD SE SG SI 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ B65D 5/74

(11) WO 02/40360 (13) A1

(21) PCT/EP01/07942

(22) 10 Jul/juil 2001 (10.07.2001)

(25) de (26) de

(30) 100 56 399.6 14 Nov/nov 2000 DE
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● OPENING DEVICE FOR PACKAGING
CONTAINERS

● SYSTEME D'OUVERTURE POUR
CONTENEURS D'EMBALLAGE

(71) TETRA LAVAL HOLDINGS &
FINANCE S.A. [CH/CH]; Avenue
Général-Guisan 70, CH-1009 Pully (CH).

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

(72, 75) SCHELLENBERG, Frank, Mario
[DE/DE]; Stettiner Strasse 19, 65239

Hochheim (DE). **SIMON, Rodolfo** [DE/DE]; Gerhardshainer Strasse 4, 61462 Königstein (DE).

(74) **MÜLLER, F., Peter**; Müller, Schupfner & Gauger, Postfach 10 11 61, 80085 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **B65D 19/00**

(11) **WO 02/40361** (13) A1

(21) PCT/AT01/00352

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) de (26) de

(30) A 1912/2000 **14 Nov/nov 2000 (14.11.2000)** AT

(30) A 2020/2000 **1 Dec/déc 2000 (01.12.2000)** AT

(43) 23 May/mai 2002 (23.05.2002)

(54) • METAL LATTICE PALLET

• PALETTE EN GRILLE METALLIQUE

(71) **EVG ENTWICKLUNGS- U. VERWERTUNGS- GESELLSCHAFT M.B.H.** [AT/AT]; Gustinus-Ambrosi-Strasse 1-3, A-8074 Raaba (AT).

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

(72, 75) **RITTER, Klaus** [AT/AT]; Peterstalgasse 157, A-8042 Graz (AT).

(74) **HOLZER, Walter** et al. / etc.; Schottenring 16, Börsegebäude, A-1010 Wien (AT).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **B65D 19/30**

(11) **WO 02/40362** (13) A1

(21) PCT/IB01/02129

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) BO2000A000657 **14 Nov/nov 2000 (14.11.2000)** IT

(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD AND A DEVICE FOR THE REJECTION OF COMMODITIES

• PROCEDE ET DISPOSITIF SERVANT A REJETER DES ARTICLES

(71) **G.D S.P.A.** [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT).

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

(72, 75) **SPATAFORA, Mario** [IT/IT]; Via del Lavoro, 56, I-40127 Bologna (IT).

(74) **BIANCIARDI, Ezio** et al. / etc.; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 30/00, 33/24, 33/28, 75/42**

(11) **WO 02/40363** (13) A1

(21) PCT/AU01/00788

(22) **28 Jun/juin 2001 (28.06.2001)**

(25) en (26) en

(30) PR 1513 **16 Nov/nov 2000 (16.11.2000)** AU

(43) 23 May/mai 2002 (23.05.2002)

(54) • BAGS

• SACS

(71) **INTERNATIONAL CONSOLIDATED BUSINESS PTY LTD** [AU/AU]; Level 1, 3 Wellington Street, Windsor, Victoria 3181 (AU).

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

(72, 75) **WITHERS, Philip, Craig** [AU/AU]; 93/28 SouthGate Avenue, SouthBank, Victoria 3006 (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **B65D 35/14, 35/24**

(11) **WO 02/40364** (13) A1

(21) PCT/JP01/09998

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-349047 **16 Nov/nov 2000 (16.11.2000)** JP

(30) 2001-197866 **29 Jun/juin 2001 (29.06.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • FOAM DELIVERING CONTAINER AND METHOD FOR CHARGING CONTENTS INTO THE SAME

• RECIPIENT DE DISTRIBUTION DE SAVON ET PROCEDE POUR CHARGER LE CONTENU DANS CE RECIPIENT

(71) **KANEBO, LIMITED** [JP/JP]; 17-4, Sumida 5-chome, Sumida-ku, Tokyo 131-0031 (JP).

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

(72, 75) **IWAMOTO, Hisao** [JP/JP]; 10-26-101, Sakaecho 4-chome, Odawara-shi, Kanagawa 250-0011 (JP). **KANNO, Fumiko** [JP/JP]; 32-18, Sagamigaoka 3-chome, Zama-shi, Kanagawa 228-0001 (JP). **YOSHIDA, Katsuhiko** [JP/JP]; 228-18, Kajiya, Yugawaramachi, Ashigarashimo-gun, Kanagawa 259-0313 (JP).

(74) **OMORI, Akiko**; c/o KANEBO, LIMITED, INTELLECTUAL PROPERTY CENTER, 20-20, Kaigan 3-chome, Minato-ku, Tokyo 108-8080 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **B65D 39/00**

(11) **WO 02/40365** (13) A1

(21) PCT/US01/51251

(22) **29 Oct/oct 2001 (29.10.2001)**

(25) en (26) en

(30) 09/715,688 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • ELASTOMERIC HINGE FOR A CLOSURE LID

• CHARNIERE EN ELASTOMERE POUR UN COUVERCLE DE FERMETURE

(71) **SEAQUIST CLOSURES FOREIGN, INC.** [US/US]; 475 West Terra Cotta, Crystal Lake, IL 60014 (US).

(72) **WOOD, Christopher, J.**; 2900 S. 60th Street, Milwaukee, WI 53219 (US). **ROBERTS, Charles, E.**; S94 W34310 Jericho Drive, Eagle, WI 53119 (US). **DALLAS, Milton, R., Jr.**; 1739 Thomas Drive, East Troy, WI 53120 (US).

(74) **ODELL, Paul, M.** et al. / etc.; Wood, Philips, Katz, Clark & Mortimer, Citicorp Center, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).

(81) AU BR CA CN CZ IN JP MX PL RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **B65D 41/04, B01D 35/02, C02F 1/00**

(11) **WO 02/40366** (13) A1

(21) PCT/KR01/01636

(22) **28 Sep/sep 2001 (28.09.2001)**

(25) en (26) en

(30) 2000/32072 **16 Nov/nov 2000 (16.11.2000)** KR

(43) 23 May/mai 2002 (23.05.2002)

- (54) • BOTTLE CAP WITH WATER PURIFIER
• CAPUCHON DE BOUTEILLE AVEC PURIFICATEUR D'EAU
- (71, 72) **KIM, Kyung Ha** [KR/KR]; 378-12 Chungreung-3-dong, Sungbook-gu, 136-103 Seoul (KR).
- (74) **KIM, Byung Jin** et al. / etc.; #201 Hwajin Building, 828 Yoksam-dong, Kangnam-gu, 135-080 Seoul (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 51/16, 47/24**
- (11) **WO 02/40367** (13) A2
- (21) PCT/US01/45436
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 09/709,245 **10 Nov/nov 2000 (10.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • VENTED CLOSURE
• FERMETURE A EVENT
- (71) **THE COCA-COLA COMPANY** [US/US]; One Coca-Cola Plaza, NW, Atlanta, GA 30313 (US).
- (72) **LADINA, Joseph, M.**; 2140 Cannon Way, Marietta, GA 30064 (US). **STONEBERG, Thomas, C.**; 1074 Providence Lane, Buffalo Grove, IL 60089 (US). **BERGE, Gary, L.**; 944 Boxwood Drive, Crystal Lake, IL 60014 (US).
- (74) **WARREN, Daniel, J.** et al. / etc.; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, GA 30309-3996 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (q1)
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- (51)⁷ **B65D 51/24**
- (11) **WO 02/40368** (13) A1
- (21) PCT/GB01/05017
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 0027953.9 **16 Nov/nov 2000 (16.11.2000)** GB
- (30) 0111137.6 **5 May/mai 2001 (05.05.2001)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • GAS ADSORPTION MEANS FOR A CONTAINER
• MOYENS D'ADSORPTION DE GAZ POUR RECIPIENT
- (71) **REXAM CONTAINERS LIMITED** [GB/GB]; Walton Road, Farlington, Portsmouth PO6 1TS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOULTON, Alan** [GB/GB]; "The Manse", Brook Avenue, Bosham, West Sussex PO18 8LQ (GB). **SILLINCE, Mark** [GB/GB]; 6 Farnham Close, Tolgate Hill, Pease Pottage, Crawley RH11 9RA (GB).
- (74) **BARKER BRETTELL**; Medina Chambers, Town Quay, Southampton, Hampshire SO14 2AQ (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 63/16**
- (11) **WO 02/40369** (13) A1
- (21) PCT/SE01/02555
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) sv (26) en
- (30) 0004237-4 **20 Nov/nov 2000 (20.11.2000)** SE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE AT A BUNDLE TIE
• DISPOSITIF D'UNE BANDE D'ATACHE
- (71) **GEPE INTERNATIONAL HOLDING B.V.** [NL/NL]; Takkebijsters 13C, NL-4817 BL Breda (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASSARSSON, Inge** [SE/SE]; Basungatan 7, S-533 34 Götene (SE).
- (74) **WILLQUIST & PARTNERS PATENT-BYRÅ AB**; Platensgatan 9C, S-582 20 Linköping (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B65D 71/00**
- (11) **WO 02/40371** (13) A1
- (21) PCT/EP01/13216
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 56 509.3 **15 Nov/nov 2000 (15.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PACKAGING UNITS FOR THE CLOSED RECEPTION OF PRODUCTS AND METHOD FOR PRODUCING SUCH PACKAGING UNITS
• UNITES D'EMBALLAGE POUR LE LOGEMENT CLOS DE PRODUITS, ET PROCEDE DE FABRICATION DE TELLES UNITES
- (71, 72) **LASKOWSKI, Sigismund** [DE/DE]; Kallstadter strasse 127, 67065 Ludwigshafen (DE).
- (74) **MIERSWA, Klaus**; Friedrichstrasse 171, 68199 Mannheim (DE).
- FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **B65D 65/46, 77/06, 75/42, 75/52**
- (11) **WO 02/40370** (13) A1
- (21) PCT/US01/43908
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 0028192.3 **17 Nov/nov 2000 (17.11.2000)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • WATER SOLUBLE PACKAGES
• SACHETS SOLUBLES DANS L'EAU
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **FISHER, Wayne, Robert**; 932 Springbrook Drive, Cincinnati, OH 45224 (US). **GRESSEL, Gregory, Martin**; 650 Flagstaff Drive, Cincinnati, OH 45215 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CR CU CZ DE DM DZ EE 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 PL RO RU SD SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65D 77/20, 45/32, 25/28, 43/02, 55/02**

(11) **WO 02/40372** (13) A1

(21) PCT/FR01/03577

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) fr (26) fr

(30) 00/14685 **15 Nov/nov 2000 (15.11.2000)** FR

(30) 01/08757 **2 Jul/juillet 2001 (02.07.2001)** FR

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CONTAINER LID
● COUVERCLE POUR RECIPIENT

(71, 72) **MARTHOURET, Robert** [FR/FR]; 3 bis, rue de la Croisette, F-71640 Givry (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 81/26, 77/06, 61/00**

(11) **WO 02/40373** (13) A1

(21) PCT/NL01/00823

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) nl (26) en

(30) 1016609 **15 Nov/nov 2000 (15.11.2000)** NL

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND DEVICE FOR PACKAGING COCOA BEANS AND SUCH NATURAL PRODUCTS
● PROCEDE ET DISPOSITIF D'EMBALLAGE DE FEVES DE CACAO ET D'AUTRES PRODUITS NATURELS SEMBLABLES

(71) **INNOSPECIAL PRODUCTS B.V.** [NL/NL]; Rivium Quadrant 90, NL-2909 LC Capelle a/d IJssel (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOOGLAND, Hendrik, Antonius** [NL/NL]; Ganimedesstraat 40, NL-1562 ZM Krommenie (NL).

(74) **PRINS, A.W.**; c/o Vereenigde, Nieuwe Parklaan 97, 2587 BN 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 81/34**

(11) **WO 02/40374** (13) A1

(21) PCT/DK01/00751

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) da (26) en

(30) PA 2000 01719 **16 Nov/nov 2000 (16.11.2000)** DK

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PACKING FOR USE WHEN COOKING DOUGH AND FOOD ITEMS IN A MICROWAVE OVEN
● CONDITIONNEMENT POUR CUISSON DE PATE ET DE DENREES ALIMENTAIRES AU FOUR A MICRO-ONDES

(71, 72) **PEDERSEN, Steen** [DK/DK]; Strandpromenaden 25, DK-6710 Esbjerg (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B65D 81/38, 43/02**

(11) **WO 02/40375** (13) A1

(21) PCT/DE01/04212

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) de (26) de

(30) 200 19 424.0 **15 Nov/nov 2000 (15.11.2000)** DE

(30) 201 08 134.2 **14 May/mai 2001 (14.05.2001)** DE

(30) 101 29 195.7 **19 Jun/juin 2001 (19.06.2001)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) ● THERMAL INSULATION FOR A DRINKS CONTAINER IN PARTICULAR FOR A DRINK BOTTLE FOR SMALL CHILDREN

● ISOLATION THERMIQUE POUR UN CONTENANT A BOISSON, EN PARTICULIER UNE GOURDE POUR ENFANTS EN BAS AGE

(71, 72) **FRANZER, Hans, Werner** [DE/DE]; Binger Strasse 69a, 56154 Boppard (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **B65D 83/14, B05B 1/02**

(11) **WO 02/40376** (13) A1

(21) PCT/NZ01/00259

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 508209 **17 Nov/nov 2000 (17.11.2000)** NZ

(30) 512322 **12 Jun/juin 2001 (12.06.2001)** NZ

(43) 23 May/mai 2002 (23.05.2002)

(54) ● DISPENSING MEANS
● MOYEN DE DISTRIBUTION

(71) **IPTECH LIMITED** [NZ/NZ]; 212 Marua Road, Ellerslie, Auckland 1005 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCKLISKY, Nigel Haig** [NZ/NZ]; 94 Ladies Mile, Renuera, Auckland 1005 (NZ).

(74) **PIETRAS, Anthony (Tony), Josef**; A.J. Pietras & Associates, 707 High Street, PO Box 30173, Lower Hutt 6009 (NZ).

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

(51)⁷ **B65D 83/26, A61L 9/14**

(11) **WO 02/40377** (13) A1

(21) PCT/RU01/00426

(22) **17 Oct/oct 2001 (17.10.2001)**

(25) ru (26) ru

(30) 2000128475 **16 Nov/nov 2000 (16.11.2000)** RU

(43) 23 May/mai 2002 (23.05.2002)

(54) ● DEVICE FOR AROMATISING A GAS MEDIUM

- DISPOSITIF POUR AROMATISER UN MILIEU GAZEUX
- (71) **ZAKRYTOE AKTSIONERNOE OBSHESTVO "MEGASENS"** [RU/RU]; prospect Mira, 103-1114, Moscow, 129085 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOLUBEV, Anatoly Viktorovich** [RU/RU]; ul. Profsojuznaya, 114-6-920, Moscow, 117437 (RU). **GULYANSKY, Mikhail Alexandrovich** [RU/RU]; Varshavskoe shosse, 128-1-331, Moscow, 113587 (RU). **KRASHENINNIKOV, Evgeny Gennadievich** [RU/RU]; ul. Engelsa, 19-44, Khimki, Moskovskaya obl., 141700 (RU). **LOMBERG, Vladimir** [IL/IL]; Ha Galil, 86/17, Ganei Tigwa (IL). **POIAPKIN, Boris Vasilevich** [RU/RU]; ul. Mnevniky, 7-1-1, Moscow, 123308 (RU). **RYBAK, Daniil Alexandrovich** [RU/RU]; ul. Profsojuznaya, 9-116, Moscow, 117218 (RU).
- (74) **EKAEV, Viktor Alexeevich**; ul. Lobachevskogo, 100-2-412, Moscow, 117607 (RU).
- (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 85/10**
- (11) **WO 02/40378** (13) A1
- (21) PCT/GB01/05083
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 2000/6767 **20 Nov/nov 2000 ZA (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SMOKING ARTICLE PACKAGING
• EMBALLAGE POUR ARTICLES A FUMER
- (71) **BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED** [GB/GB]; Globe House, 1 Water Street, London WC2R 3LA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROE, Hugh, Dermot** [ZA/ZA]; 40 Riesling Street, 7130 Somerset West (ZA). **SWART, Pierre, Radyn** [ZA/GB]; Globe House, 4 Temple Place, London WC2R 2PG (GB).
- (74) **WALFORD, Margot, Ruth**; British-American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ **B65D 85/18**
- (11) **WO 02/40380** (13) A1
- (21) PCT/IB01/02174
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) it (26) en
- (30) MI2000U000664 **20 Nov/nov 2000 IT (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PACKAGING ARRANGEMENT FOR SHIRTS AND THE LIKE
• DISPOSITIF D'EMBALLAGE POUR CHEMISES ET ANALOGUES
- (71, 72) **RUCCO, Ambrogio** [IT/IT]; Via Roma, 41, I-20090 Cesano Boscone (IT).
- (74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B65F 1/14, 3/00**
- (11) **WO 02/40381** (13) A1
- (21) PCT/FR01/03591
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) fr (26) fr
- (30) 00/14809 **16 Nov/nov 2000 FR (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR COLLECTING HOUSEHOLD REFUSE
• PROCEDE ET DISPOSITIF DE COLLECTE DES ORDURES MENAGERES
- (71, 72) **SCHILTZ, Patrick** [FR/FR]; 47, rue Victor HUGO, F-92700 COLOMBES (FR).
- (74) **SCHMIT, Christian, Norbert**; Cabinet Christian SCHMIT et Associés, 8, place du Ponceau, F-95000 CERGY (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ **B65F 9/00, B30B 9/30**
- (11) **WO 02/40382** (13) A1
- (21) PCT/AU01/01480
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) PR 1450 **14 Nov/nov 2000 AU (14.11.2000)**
- RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 TR TT TZ UA UG UZ VN YU ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B65D 85/10, 5/66**
- (11) **WO 02/40379** (13) A1
- (21) PCT/IB01/02160
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) BO2000A 000676 **20 Nov/nov 2000 IT (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CIGARETTE BOX WITH HINGED LID
• PAQUET DE CIGARETTE A COUVERCLE ARTICULE
- (71) **G.D. S.P.A** [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BORIANI, Silvano** [IT/IT]; Via Varolio, 17, I-40133 Bologna (IT). **FRANCHINI, Alberto** [IT/IT]; Via Dalla Chiesa, 22, I-40050 Monteveglio (IT). **DRAGHETTI, Fiorenzo** [IT/IT]; Via San Donino, 506, I-40059 Medicina (IT).
- (74) **BIANCIARDI, Ezio** et al. / etc.; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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)

- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● REFUSE COMPACTOR SYSTEM WITH VERTICAL COMPACTING DEVICE
● SYSTEME DE COMPACTAGE D'ORDURES AVEC DISPOSITIF DE COMPACTAGE VERTICAL
- (71, 72) **BYRNE, Laurence, Michael** [AU/AU]; 278 Hammond Avenue, Wagga Wagga, NSW 2650 (AU).
- (74) **WALLINGTON-DUMMER**; Patent & Trade Mark Attorneys, P.O. Box 297, Rydalmere, NSW 1701 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B65G**
- (11) **WO 02/40383** (13) A2
- (21) PCT/US01/45122
- (22) **24 Oct/oct 2001 (24.10.2001)**
- (25) en (26) en
- (30) 09/696,126 **25 Oct/oct 2000 US (25.10.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND APPARATUS FOR THE AUTOMATED INSPECTION OF YARN PACKAGES
● PROCÉDÉ ET DISPOSITIF D'EXAMEN AUTOMATISÉ DES ENROULEMENTS DE FILS
- (71) **LINETECH INDUSTRIES, INC.** [US/US]; 511 12TH Street, Brooklyn, NY 11215 (US).
- (72) **JACKSON, Tobias**; 511 12th Street, Brooklyn, NY 11215 (US). **KNAPP, James**; 188 Suffolk Street, New York, NY 10002 (US).
- (74) **TUCCILLO, Nicholas, J.** et al. / etc.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65G 43/02**
- (11) **WO 02/40384** (13) A1
- (21) PCT/CA01/01613
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,729 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● CONVEYOR BELT FAULT DETECTION APPARATUS AND METHOD
● DISPOSITIF ET PROCÉDE DE DETECTION DE DEFAUTS DE BANDE TRANSPORTEUSE
- (71) **CANADA CONVEYOR BELT CO., LTD.** [CA/CA]; 19500 - 56th Avenue, Surrey, British Columbia V1S 6K4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KUZIK, Larry, J.** [CA/CA]; 7576 Morrison Crescent, Langley, British Columbia V2Y 2E7 (CA). **NINNIS, Ronald, M.** [CA/CA]; Suite 107, 1310 West 10th Avenue, Vancouver, British Columbia V6H 1J6 (CA).
- (74) **ROSS, John, W.** et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B65G 47/31, 43/08**
- (11) **WO 02/40385** (13) A1
- (21) PCT/US01/43928
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/716,071 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PARCEL SINGULATION SOFTWARE CONTROL LOGIC
● LOGIQUE DE CONTROLE DE LOGICIEL DE SEPARATION DE PAQUETS
- (71) **LOCKHEED MARTIN CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).
- (72) **NEARY, James**; 38 Midwood Drive, Binghamton, NY 13903 (US). **WHITNEY, Charles**; 4 Sherwood Drive, Endicott, NY 13760 (US).
- (74) **KRANSDORF, Ronald, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65H 18/04, 18/08, 18/28, 19/22, 75/36**
- (11) **WO 02/40387** (13) A1
- (21) PCT/FI00/01007
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) fi (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ARRANGEMENT FOR ACHIEVING A CORELESS PAPER ROLL
● DISPOSITIF D'OBTENTION DE ROULEAUX A AME CREUSE
- (71, 72) **GILL, Balbir, Singh** [FI/FI]; Saaris-tonkatu 5 A 11, FIN-90100 Oulu (FI).
- (74) **NIEMINEN, Taisto**; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FIN-33200 Tampere (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **B65G 53/30**
- (11) **WO 02/40386** (13) A1
- (21) PCT/FI00/00973
- (22) **8 Nov/nov 2000 (08.11.2000)**
- (25) fi (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND APPARATUS FOR FEEDING SLUDGE INTO A PROCESS
● PROCÉDE ET APPAREIL POUR ALIMENTER UNE BOUE DANS UN CIRCUIT DE TRAITEMENT
- (71) **FORTUM OYJ** [FI/FI]; Keilaniementie 1, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOKELA, Pekka** [FI/FI]; Lammasrinne 4 B 38, FIN-01710 Vantaa (FI). **ALIN, Jari** [FI/FI]; Aalokko 3 A 3, FIN-02320 Espoo (FI). **SALOKOSKI, Pia** [FI/FI]; Aalokko 3 A 3, FIN-02320 Espoo (FI).
- (74) **SEPPOLAINE OY**; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-

DZ 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 PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ **B66B 23/00**(11) **WO 02/40388** (13) A2

(21) PCT/EP01/12443

(22) **26 Oct/oct 2001 (26.10.2001)**

(25) en (26) en

(30) 09/712,756 **14 Nov/nov 2000 US
(14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CONVEYOR PERSONNEL GATE

● PORTE DE CONVOYEUR POUR LE
PERSONNEL(71) **SIEMENS AKTIENGESELLSCHAFT**
[DE/DE]; Wittelsbacherplatz 2, 80333 Mu-
nich (DE).(72) **BROUWER, Gerald, A.**; 3935, Aaron,
S.W., Grandville, MI 49418 (US). **FRANK,
James, L.**; 14735 Lakeshore Drive, Grand
Haven, MI 49417 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).(51)⁷ **B66B 25/00**(11) **WO 02/40389** (13) A1

(21) PCT/JP00/08088

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PASSENGER CONVEYER CON-
TROLLER AND OPERATION CON-
TROL METHOD● DISPOSITIF DE COMMANDE POUR
TRANSPORTEUR DE PASSAGERS
ET PROCEDE DE COMMANDE DU
FONCTIONNEMENT(71) **MITSUBISHI DENKI KABUSHIKI
KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).(72) **HARUTA, Yasumasa**; 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) CN JP.

(84) EP (AT DE FR NL).

(51)⁷ **B66F 19/00**(11) **WO 02/40390** (13) A1

(21) PCT/IT01/00568

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) it (26) en

(30) MC2000A00090 **14 Nov/nov 2000 IT
(14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A TROLLEY USED TO LIFT MAN-
HOLES, GRATES AND METAL
PLATES IN GENERAL AND TO PUT
THEM BACK IN THEIR HOUSINGS● CHARIOT À RELEVER ET REMETTRE
EN PLACE LES TRAPPES DE VISITE,
LES GRILLES ET PLAQUES MÉTAL-
LIQUES EN GÉNÉRAL(71) **EURO ISY - S.R.L.** [IT/IT]; 42, Via Gio-
vanni Gastaldi, IT-00128 Roma (IT).
(for all designated States except / pour tous
les États désignés sauf US)(71, 72) **ALUNNI, Onelio** [IT/IT]; 26, Via
dell'Artigianato, IT-60038 Torgiano (IT).(72, 75) **TOMELLINI, Gianluca** [IT/IT]; 28,
Via Molino Capaldini, IT-06036 Montefalco
(IT).(74) **BALDI, Claudio**; Piazza Ghislieri, 3,
I-60035 Jesi (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 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 PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

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 BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ 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 PH PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP
(GH GM KE LS MW MZ SD SL SZ TZ UG ZW)
EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE 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 **B67B 3/20**(11) **WO 02/40391** (13) A1

(21) PCT/JP01/09816

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) ja (26) ja

(30) 2000-346162 **14 Nov/nov 2000 JP
(14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PLASTIC CAP TIGHTENING EQUIP-
MENT● ÉQUIPEMENT DE SERRAGE DE BOU-
CHONS DE PLASTIQUE(71) **OTSUKA PHARMACEUTICAL CO.,
LTD.** [JP/JP]; 9, Kandatsukasa-cho 2-chome,
Chiyoda-ku, Tokyo 101-8535 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) **TAKAICHI, Akihisa** [JP/JP]; 292,
Aza-Nakajima, Takashima, Naruto-cho,
Naruto-shi, Tokushima 772-0051 (JP).
FUKUOKA, Keiji [JP/JP]; 719, Aza-Naka-
jima, Takashima, Naruto-cho, Naruto-shi,
Tokushima 772-0051 (JP). **TAKASHIMA,
Tadayoshi** [JP/JP]; c/o Nihon Yamamura
Glass Co., Ltd., 2-21, Hamamatsubara-cho,
Nishinomiya-shi, Hyogo 662-8586 (JP).
MATSUBARA, Tsutomu [JP/JP]; c/o Nihon
Yamamura Glass Co., Ltd., 2-21, Hama-
matsubara-cho, Nishinomiya-shi, Hyogo
662-8586 (JP).(74) **KAMEI, Hirokatsu**; c/o AI ASSOCIA-
TION OF PATENT AND TRADEMARK
ATTORNEYS, 12F, Jyutakukinyukoko-Sum-
itomoseimei Bldg., 5-20, Minamihom-
machi 4-chome, Chuo-ku, Osaka-shi, Osaka
541-0054 (JP).

(81) CN ID KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).(51)⁷ **B67D 3/00, 5/32, B65D 51/22, 53/00**(11) **WO 02/40392** (13) A1

(21) PCT/US00/31356

(22) **15 Nov/nov 2000 (15.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CLOSURE FOR LIQUIDS

● FERMETURE POUR LIQUIDES

(71) **WEATHERCHEM CORPORATION**
[US/US]; 2222 Highland Road, Twinsburg,
OH 44087-1150 (US).(72) **FORSYTH, Michael, J.**; 1941 Marhofer
Avenue, Stow, OH 44224 (US). **BAXTER,
David, C.**; 3788 Phalanx-Mills Herner Road,
Southington, OH 44470 (US).(74) **SHIMOLA, Howard, G.** et al. / etc.; Pearne
& Gordon LLP, Suite 1200, 526 Superior Av-
enue, East, Cleveland, OH 44114-1484 (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 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 PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).(51)⁷ **B67D 5/04, B65D 90/30**(11) **WO 02/40393** (13) A1

(21) PCT/GB01/05053

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 0028163.4 **18 Nov/nov 2000 GB
(18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCESS AND SYSTEM FOR THE RE-
COVERY OF VAPOUR● PROCEDE ET SYSTEME DE RECUPE-
RATION DE VAPEUR

(71) **MOLINAR LIMITED** [GB/GB]; Unit 18, Queensway Industrial Estate, Longbridge Hayes Road, Longport, Stoke on Trent ST6 4DS (GB).

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

(72, 75) **GEE, Peter, John** [GB/GB]; 35 Boucher Road, Cheddleton, Stoke on Trent, Staffordshire ST13 7JH (GB). **LOVATT, Phillip, John** [GB/GB]; 6 Howard Crescent, Hanley, Stoke on Trent, Staffordshire ST1 3NN (GB). **PRINCE, Christopher, Ronald** [GB/GB]; 15 Amelia Close, Baddeley Green, Stoke on Trent, Staffordshire ST2 7QN (GB).

(74) **ROYSTONS**; Tower Building, Water Street, Liverpool L3 1BA, Merseyside (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B67D 5/04, B60S 5/02**

(11) **WO 02/40394** (13) A1

(21) PCT/US01/32285

(22) **16 Oct/oct 2001 (16.10.2001)**

(25) en (26) en

(30) 09/715,519 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM FOR DIAGNOSING, MAINTAINING AND REPORTING THE PERFORMANCE AND SAFETY CONDITION OF APPARATUS DURING REFUELING

• SYSTEME PERMETTANT DE DIAGNOSTIQUER, DE MAINTENIR ET DE RAPPORTER LA PERFORMANCE ET LES CONDITIONS DE SECURITE D'UN APPAREIL AU COURS DE SON RAVITAILLEMENT

(71) **THE LUBRIZOL CORPORATION** [US/US]; Patent Dept. - 022B, 29400 Lakeland Boulevard, Wickliffe, OH 44092 (US).

(72) **BOYLE, Frederick, P.**; 8930 Riverwood Way, Kirtland, OH 44094-9376 (US).

(74) **GILBERT, Teresan, W.** et al. / etc.; The Lubrizol Corporation, 29400 Lakeland Boulevard, Wickliffe, OH 44092 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **C01B 3/06, 3/08, B01J 3/00**

(11) **WO 02/40395** (13) A1

(21) PCT/RU01/00104

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 2000117338 **15 Nov/nov 2000 (15.11.2000)** RU

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF MANUFACTURING HYDROGEN
• METHODE DE PRODUCTION D'HYDROGENE

(71) **ZAKRYTOE AKTSIONERNOE OBSHCHESTVO "FIRMA RIKOM"** [RU/RU]; ul. Obrucheva, 38, Moscow, 117342 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAZALOV, Jury Alexandrovich** [RU/RU]; ul. Kantemirovskaya, 41-31, Moscow, 115477 (RU).

(74) **CHERNYSHEV, Valery Pavlovich**; a/ya 83, Krasnogorsk-5, Moskovskaya obl., 143400 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

(51)⁷ **C01B 3/38, F27D 23/00**

(11) **WO 02/40396** (13) A1

(21) PCT/GB01/05042

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 0028108.9 **17 Nov/nov 2000 (17.11.2000)** GB

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF OPERATING A FURNACE
• PROCEDE DE FONCTIONNEMENT D'UN FOURNEAU

(71) **DAVY PROCESS TECHNOLOGY LIMITED** [GB/GB]; 20 Eastbourne Terrace, London W2 6LE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILTON, Michael** [GB/GB]; 1 Wiske Close, Elm Tree, Stockton-on-Tees TS19 0UU (GB). **KIPPAX, John, Wilson** [GB/GB]; October House, West Rounton, Northallerton, North Yorkshire DL6 2LL (GB).

(74) **EYLES, Christopher, Thomas**; W.P. Thompson & Co., Celcon House, 289-293 High Holborn, London WC1V 7HU (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 NO NZ OM PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C01B 13/02**

(11) **WO 02/40397** (13) A1

(21) PCT/US01/30467

(22) **27 Sep/sep 2001 (27.09.2001)**

(25) en (26) en

(30) 09/716,846 **15 Nov/nov 2000 (15.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • STRONTIUM PEROXIDE CATALYZED OXYGEN GENERATING COMPOSITIONS

• COMPOSITIONS PRODUCTRICES D'OXYGENE CATALYSEES AU PEROXYDE DE STRONTIUM

(71) **BE INTELLECTUAL PROPERTY, INC.** [US/US]; 1400 Corporate Center Way, Wellington, FL 33414 (US).

(72) **ZHANG, Yunchang**; 10585 Noland Road, Overland Park, KS 66215 (US). **CANNON, James, C.**; 11716 Woodward Street, Overland Park, KS 66210 (US).

(74) **PAUL, James, W.** 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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **C01B 25/32, A61L 27/12, C07F 9/40, 9/141**

(11) **WO 02/40398** (13) A1

(21) PCT/AU01/01481

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) PR 1521 **16 Nov/nov 2000 (16.11.2000)** AU

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESSES FOR TREATING CORAL AND COATING AN OBJECT

• PROCEDES DE TRAITEMENT DE CORAIL ET REVETEMENT D'UN OBJET

(71) **UNIVERSITY OF TECHNOLOGY, SYDNEY** [AU/AU]; 1 Broadway, Broadway, NSW 2007 (AU).

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

(72, 75) **BEN-NISSAN, Besim** [AU/AU]; 10 Strickland Street, Rose Bay, NSW 2029 (AU). **MILEV, Adriyan, S.** [AU/AU]; 18/42 Swan Avenue, Strathfield, NSW 2135 (AU). **GREEN, Douglas, Drysdale** [AU/AU]; 1/7A Oswald Street, Mosman, NSW 2088 (AU). **HU, Ji** [AU/AU]; 13/8 President Avenue, Kogarah, NSW 2217 (AU). **CONWAY, Robert, M.** [AU/AU]; 21 Breillat Street, Annandale, NSW 2038 (AU). **KANNAN-GARA, G., S., Kamali** [AU/AU]; 77 Blacktown Road, Blacktown, NSW 2148 (AU). **RUSSELL, Jennifer** [AU/AU]; 19 Basil Road, Bexley, NSW 2207 (AU). **GILLOTT, Edith** [AU/AU]; 10 Spring Street, Birchgrove, NSW 2041 (AU). **TREFRY, Clifford** [AU/AU]; 30 Princess Avenue, Rodd Point, NSW 2046 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (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 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C01B 33/00**

(11) **WO 02/40399** (13) A2

(21) PCT/US01/44250

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/249,664 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF PREPARING A FUMED METAL OXIDE DISPERSION

• PROCÉDE DE PRÉPARATION D'UNE DISPERSION D'OXYDE METALLIQUE SUBLIMÉE

(71) **CABOT CORPORATION** [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

(72) **BROWN, Steven, E.**; 3 Joco Drive, Tyngsboro, MA 01879 (US).

(74) **LANDO, Michelle, B.**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

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

(51)⁷ **C01B 33/027, 33/029, 33/03, B01J 19/02**

(11) **WO 02/40400** (13) A1

(21) PCT/EP01/12756

(22) **3 Nov/nov 2001 (03.11.2001)**

(25) de (26) de

(30) 10057481.5 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR PRODUCING HIGHLY PURE, GRANULAR SILICON

• PROCÉDE DE PRÉPARATION DE SILICIUM GRANULAIRE A PURETE ELEVEE

(71) **SOLARWORLD AKTIENGESELLSCHAFT** [DE/DE]; Kurt-Schumacher-Strasse 8-9, 53113 Bonn (DE).

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

(72, 75) **KÖNIG, Theo** [DE/DE]; Hübelstrasse 7, 79725 Laufenburg (DE). **PFÄFFELHUBER, Matthias** [DE/US]; 2119 Palm Castle Drive, League City, TX 77573 (US). **HEROLD, Heiko** [DE/DE]; Feuertornweg 3, 41470 Neuss (DE). **HOLDENRIED, Günter** [DE/DE]; Am Hühnerbusch 31, 42799 Leichlingen (DE). **MLECZKO, Leslaw** [PL/DE]; Hustadtring 63, 44801 Bochum (DE).

(74) **RAU, Albrecht**; Rau, Schneck & Hübner, Königstrasse 2, 90402 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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C01B 33/107**

(11) **WO 02/40401** (13) A1

(21) PCT/EP01/12805

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) de (26) de

(30) 100 57 482.3 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF PURIFYING TRICHLOROSILANE

• PROCÉDE DE PURIFICATION DE TRICHLOROSILANE

(71) **SOLARWORLD AKTIENGESELLSCHAFT** [DE/DE]; Kurt-Schumacher-Strasse 8-9, 53113 Bonn (DE).

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

(72, 75) **KLEIN, Stephan** [DE/DE]; Weizenfeld 36, 51467 Bergisch Gladbach (DE). **BLOCK, Hans-Dieter** [DE/DE]; Biesenbach

49, 51381 Leverkusen (DE). **LEIMKÜHLER, Hans-Joachim** [DE/DE]; Saarstrasse 41, 51375 Leverkusen (DE). **DICK, Werner** [DE/DE]; Solinger Strasse 17, 51371 Leverkusen (DE). **SCHÄFER, Johannes-Peter** [DE/DE]; Wipperfurther Strasse 368A, 51515 Kürten (DE).

(74) **RAU, Albrecht**; Rau, Schneck & Hübner, Königstr. 2, 90402 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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C01B 37/02**

(11) **WO 02/40402** (13) A1

(21) PCT/FR01/03496

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) fr (26) fr

(30) 00/14595 **14 Nov/nov 2000 FR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MESOPOROUS INORGANIC SOLIDS, METHOD FOR PREPARING SAME AND USES THEREOF IN PARTICULAR AS CATALYSTS AND ADSORBENTS

• SOLIDES INORGANIQUE MESOPOREUX, LEUR PROCÉDE DE PRÉPARATION ET LEURS UTILISATIONS NOTAMMENT COMME CATALYSEURS ET ADSORBANTS

(71) **CECA S.A.** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).

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

(72, 75) **PLEE, Dominique** [FR/FR]; 3, allée du Martin Pêcheur, F-64140 Lons (FR).

(74) **TREUIL, Claude**; Atofina, Cours Michelet - La Défense 10, F-92091 Paris la Défense (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 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 TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C01B 39/02, 39/14, 39/20, 39/46, B01J 13/00, C11D 3/12, B01D 71/02, C09C 1/00, C04B 35/62**

(11) **WO 02/40403** (13) A1

(21) PCT/EP01/13190

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) 100 56 362.7 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SYNTHESIS AND STABILISATION OF NANOSCALE ZEOLITE PARTICLES
● SYNTHÈSE ET STABILISATION DE PARTICULES DE ZEOLITHE A L'ECHELLE NANOMETRIQUE

(71, 72) **VALTCHEV, Valentin, Panov** [BG/FR]; 27, route de Mulhouse, F-68720 Illfurth (FR).
BEIN, Thomas [DE/DE]; Gstaller Weg 24, 82166 Gräfelfing (DE).

(74) **FORSTMAYER, Dietmar** et al. / etc.; Boeters & Bauer, Bereiteranger 15, 81451 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **C01G 53/00, H01M 4/02, 4/58, 10/40**

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(21) PCT/JP01/09967

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-350307 **16 Nov/nov 2000 JP (16.11.2000)**

(30) 2001-282767 **18 Sep/sep 2001 JP (18.09.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● LITHIUM-CONTAINING COMPOSITE OXIDE AND NONAQUEOUS SECONDARY CELL USING THE SAME, AND METHOD FOR MANUFACTURING THE SAME

● OXYDE COMPOSITE A TENEUR EN LITHIUM ET CELLULE SECONDAIRE NON AQUEUSE UTILISANT CET OXYDE, ET PROCEDE DE FABRICATION ASSOCIE

(71) **HITACHI MAXELL, LTD.** [JP/JP]; 1-1-88, Ushitora, Ibaraki-shi, Osaka 567-8567 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UEDA, Atsushi** [JP/JP]; 1-39, Higashitouda-cho, Hirakata-shi, Osaka 573-0044 (JP).
UCHITOMI, Kazutaka [JP/JP]; 1-12-34-101, Senriokahigashi, Settsu-shi, Osaka 566-0011 (JP).
AOYAMA, Shigeo [JP/JP]; 17-11, Midori-cho, Otsu-shi, Shiga 520-0221 (JP).

(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 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C02F 1/42, B01J 39/00**

(11) **WO 02/40405** (13) A2

(21) PCT/EP01/12814

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) de (26) de

(30) 100 56 629.4 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● TREATMENT OF NICKEL-CONTAINING WASTE WATER ON PHOSPHATING

● TRAITEMENT D'EAUX RESIDUAIRES RENFERMANT DU NICKEL LORS D'UNE PHOSPHATATION

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEPA, Klaus** [DE/DE]; Käthe-Kollwitz-Str. 9, 53842 Troisdorf (DE).
KRÖMER, Jens [DE/DE]; Birkenhof 18, 40225 Düsseldorf (DE).
DRONIOU, Patrick [FR/FR]; 5ter, rue Tilly, F-92700 Colombes (FR).
BROUWER, Jan-Willem [NL/DE]; Krefelder Str. 221, 47877 Willich (DE).
KUHM, Peter [DE/DE]; Clarenbachweg 3, 40724 Hilden (DE).

(81) AU BG BR BY CA CN CZ HU ID IN JP KR MX NO NZ PL RO RU SG SI SK UA US UZ VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **C02F 1/461, 1/42**

(11) **WO 02/40406** (13) A1

(21) PCT/SE01/00413

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 0004202-8 **14 Nov/nov 2000 SE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCESS AND APPARATUS FOR REMOVAL AND DESTRUCTION OF DISSOLVED NITRATE.

● PROCEDE ET APPAREIL POUR L'EXTRACTION ET LA DESTRUCTION DE NITRATE DISSOUS

(71) **VATTENFALL AB** [SE/SE]; S-162 87 Stockholm (SE).

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

(72, 75) **VELIN, Anna** [SE/SE]; Bergvägen 22, S-196 31 Kungsängen (SE).
RESBEUT, Steve [FR/FR]; 5, rue Jean Carries, F-69005 Lyon (FR).

(74) **AWAPATENT AB**; Box 45086, S-104 30 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C02F 1/58, 1/60**

(11) **WO 02/40407** (13) A1

(21) PCT/NO01/00455

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 100 56 957.9 **17 Nov/nov 2000 DE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR UTILISING A WASTE SLURRY FROM SILICON WAFER PRODUCTION

● PROCEDE D'UTILISATION DE SUSPENSION USEE PROVENANT DE LA PRODUCTION DE TRANCHES DE SILICIUM

(71) **METALLKRAFT AS** [NO/NO]; P.O.Box 5595 Voiebyen, N-4677 KRISTIANSAND (NO).

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

(72, 75) **HENRIKSEN, Knut** [NO/NO]; Brøvigkollen 12, N-4623 KRISTIANSAND (NO).

(74) **ONSAAGERS AS** et al. / etc.; P.O. Box 265 Sentrum, N-0103 OSLO (NO).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 1/72 // 103/10, 103/28

(11) WO 02/40408 (13) A1

(21) PCT/CA01/00887

(22) 14 Jun/juin 2001 (14.06.2001)

(25) en (26) en

(30) 09/712,448 14 Nov/nov 2000 US (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR TREATING AQUEOUS STREAMS CONTAINING LOW VALENT SULFUR COMPOUNDS

• PROCEDE DE TRAITEMENT DE FLUX AQUEUX CONTENANT DES COMPOSES DE SOUFRE DE FAIBLE VALENCE

(71) INCO LIMITED [CA/CA]; Suite 1500, 145 King Street West, Toronto, Ontario M5H 4B7 (CA).

(72) TANDI, Branka, M.; 1322 Cobbler Lane, Oakville, Ontario L6J 5N1 (CA). DEVUYST, Eric; 364 Nelles Road North, Grimsby, Ontario L3M 2Z9 (CA). CANINI, Domenic; 49 Yongehurst Road, Richmond Hill, Ontario L4C 373 (CA).

(74) PHENIX, Donald, F. et al. / etc.; Smart & Biggar, 900-55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ C02F 1/72

(11) WO 02/40409 (13) A1

(21) PCT/KR00/01307

(22) 16 Nov/nov 2000 (16.11.2000)

(25) ko (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • A REMEDIATION METHOD OF CONTAMINATED MATERIALS BY USING Pd/Fe BIMETALIC PERMEABLE GEOSYNTHETIC METAL LINER FOR THE REACTIVE WALL

• RESTAURATION DE MATERIAUX CONTAMINES AU MOYEN D'UNE CHEMISE BI-METALLIQUE PD/FE PERMEABLE GEOSYNTHETIQUE POUR LA PAROI REACTIVE

(71) HALLA ENGINEERING & INDUSTRIAL DEVELOPMENT CO., LTD. [KR/KR]; 1700 Yongdang-ri, Samho-myeon, Youngam-kun, Jeonranam-do 526-751 (KR).

GEO WORKS CO., LTD. [KR/KR]; 135-410, The Research Institute of Energy and Resource, Seoul National University, San 56-1, Sillim-dong, Gwanak-gu, 151-742 Seoul (KR).

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

(71, 72) PARK, Jun-Boum [KR/KR]; 318-1202, Hanyang Apt., Sibeomdangi, Seohyeon-dong, Bundang-ku, Seongnam-si, Kyonggi-do 463-776 (KR). KIM, Tae-Sik [KR/KR]; 17-305, Dongsin Apt., Yeogok3-dong, Sosa-ku, Bucheon-si, Kyonggi-do 422-717 (KR).

(72, 75) LEE, Jae-Won [KR/KR]; 1704-1202, Hoogok-maeul, 1087, Ilsan3-dong, Ilsan-ku, Goyang-si, Kyonggi-do 411-737 (KR). JUNG, Il-Chul [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR). KIM, Si-Hyun [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR). LEE, Sang-Su [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR).

(74) YIM, Suk-Jae et al. / etc.; 823-1, Poonglim bldg., Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) DE JP US.

(51)⁷ C02F 1/72

(11) WO 02/40410 (13) A1

(21) PCT/KR00/01308

(22) 16 Nov/nov 2000 (16.11.2000)

(25) ko (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • A REMEDIATION METHOD OF CONTAMINATED GROUND BY INJECTING REACTIVE MATERIAL

• PROCEDE DE BIORESTAURATION DE SOL CONTAMINE PAR INJECTION D'UNE MATIERE REACTIVE

(71) HALLA ENGINEERING & INDUSTRIAL DEVELOPMENT CO., LTD. [KR/KR]; 1700 Yongdang-ri, Samho-myeon, Jeonranam-do, Youngam-kun 526-751 (KR). GEO WORKS CO., LTD [KR/KR]; 135-410, The Research Institute, of Energy and Resource, Seoul National University, San 56-1, Sillim-dong, Gwanak-gu, Seoul 151-742 (KR).

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

(71, 72) LEE, Jong-Jin [KR/KR]; 107-705, Sejong apt., Jeonmin-dong, Yuseong-ku, Taejeon-si 305-728 (KR). PARK, Jun-Boum [KR/KR]; 318-1202, Hanyang apt., Sibeomdangi, Seohyeon-dong, Bundang-ku, Kyonggi-do, Seongnam-si 463-776 (KR).

(72, 75) LEE, Jae-Won [KR/KR]; 1704-1202, Hoogok-maeul, 1087, Ilsan3-dong, Ilsan-ku, Kyonggi-do, Goyang-si 411-737 (KR). JUNG, Il-Chul [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR). KIM, Si-Hyun [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR). LEE, Sang-Su [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR).

(74) YIM, Suk-Jae et al. / etc.; 8th Floor, Poonglim bldg., 823-1 Yeoksam-dong, Kangnam-ku, Seoul 135-784 (KR).

(81) DE JP US.

(51)⁷ C02F 1/72, B01J 27/24

(11) WO 02/40411 (13) A1

(21) PCT/KR00/01309

(22) 16 Nov/nov 2000 (16.11.2000)

(25) ko (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • A REMEDIATION METHOD OF CONTAMINATED MATERIALS BY USING ZEOLITE ANCHORED NANOSCALE IRON CONTAINING REACTIVE WALL

• PROCEDE DE DECONTAMINATION DE MATERIAUX PAR L'UTILISATION DE FER A ZEOLITE ANCREE A L'ECHELLE NANOMETRIQUE DANS UN MUR REACTIF

(71) HALLA ENGINEERING & INDUSTRIAL DEVELOPMENT CO., LTD. [KR/KR]; 1700 Yongdang-ri, Samho-myeon, Youngam-kun, Jeonranam-do 526-751 (KR). GEO WORKS CO., LTD [KR/KR]; 135-410, The Research Institute, of Energy and Resource, Seoul National University, San 56-1, Sillim-dong, Gwanak-gu, Seoul 151-742 (KR).

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

(71, 72) LEE, Jae-Won [KR/KR]; 1704-1202, Hoogok-maeul, 1087, Ilsan3-dong, Ilsan-ku, Goyang-si, Kyonggi-do 411-737 (KR). PARK, Jun-Boum [KR/KR]; 318-1202, Hanyang apt., Sibeomdangi, Seohyeon-dong, Bundang-ku, Seongnam-si, Kyonggi-do 463-776 (KR). LEE, Seung-Hak [KR/KR]; 714-208, Mokdong apt., Mok1-dong, Yangcheon-ku, Seoul-si 158-051 (KR).

(72, 75) JUNG, Il-Chul [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR). KIM, Si-Hyun [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR). LEE, Sang-Su [KR/KR]; 11th Floor, Sigma-tower, 7-19, Sincheon-dong, Songpa-ku, Seoul-si 138-734 (KR).

(74) YIM, Suk-Jae et al. / etc.; 8th Floor, Poonglim bldg., 823-1 Yeoksam-dong, Kangnam-ku, Seoul 135-784 (KR).

(81) DE JP US.

(51)⁷ C02F 1/72

(11) WO 02/40412 (13) A1

(21) PCT/US01/46618

(22) 8 Nov/nov 2001 (08.11.2001)

(25) en (26) en

(30) 09/712,084 14 Nov/nov 2000 US (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR APPLYING AN OXIDANT IN A HYDROTHERMAL OXIDATION PROCESS

• DISPOSITIF ET PROCEDE POUR APPLIQUER UN OXYDANT DANS UN PROCEDE D'OXYDATION HYDROTHERMALE

(71) HYDROPROCESSING, L.L.C. [US/US]; Suite 101, 3201 Longhorn Blvd., Austin, TX 78758 (US).

(72) **WOFFORD, William, Tracy, III**; 3913 Walnut Clay, Austin, TX 78731 (US). **GRIF-FITH, James, Walton**; 16422 Pocono Drive, Austin, TX 78717 (US). **HUMPHRIES, Richard, Wayne**; 524 Territory Trail, Cedar Park, TX 78613 (US). **LAWRENCE, Justin, Wade**; 1003 Meadow Creek Drive, Round Rock, TX 78664 (US).

(74) **CULBERTSON, Russell, D.** et al. / etc.; Shaffer & Culbertson, L.L.P., 1250 Capital of Texas Hwy. S., Bldg. One, Ste. 360, Austin, TX 78746 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)⁷ C02F 3/00, C12N 11/00

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(21) PCT/GB01/05013

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0027722.8 **14 Nov/nov 2000 GB (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NUTRIENT DELIVERY SYSTEM

• SYSTEME DE DISTRIBUTION D'ÉLÉMENTS NUTRITIFS

(71) **THE QUEEN'S UNIVERSITY OF BELFAST** [GB/GB]; University Road, Belfast BT7 1NN, Northern Ireland (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOSHOFF, Genevieve, Ann** [ZA/GB]; 34 Lucerne Parade, Belfast BT9 5FT, Northern Ireland (GB). **KALIN, Robert, M.** [US/GB]; 5 Beverly Avenue, Newtownards BT23 7UE, Northern Ireland (GB). **WALSH, Kayleen** [AU/GB]; The Queen's University of Belfast, David Keir Building, Stransmillis Road, Belfast BT7 5AG (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C02F 9/02, 1/52, 1/28, B01D 35/00

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(21) PCT/US01/30506

(22) **28 Sep/sep 2001 (28.09.2001)**

(25) en (26) en

(30) 09/712,464 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • WATER PURIFYING KITS

• ENSEMBLES SERVANT A PURIFIER DE L'EAU

(71) **PUR WATER PURIFICATION PRODUCTS, INC.** [US/US]; One Proctor & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **TANNER, John, D.**; 16305 8th Avenue North, Plymouth, MN 55447 (US). **EMMONS, David, J.**; 670 Windemere Curve, Plymouth, MN 55441 (US). **OSTENDORF, Ward, William**; 6331 Oregon Pass, West Chester, OH 45069 (US). **BAIER, Kathleen, Grieshop**; 3660 Hanley Road, Cincinnati, OH 45247 (US). **VELAZQUEZ, Jesus**; 7874 Pullbridge Court, West Chester, OH 45069 (US). **OLSON, Christy, Ann**; 7 Waterbury Court, Little Rock, AR 72223 (US). **SOUTER, Philip, Frank**; The Nook, The Green, Longhorsley, Morpeth, Northumberland NE65 8UP (GB). **URE, Colin**; 43 Bewick Park, Wallsend, Tyne and Wear, Alaska NE28 9RU (GB).

(74) **BRUESS, Steven, C.**; 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)⁷ C03B 37/012, 23/043

(11) **WO 02/40415** (13) A1

(21) PCT/NL01/00802

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) nl (26) en

(30) 1016644 **17 Nov/nov 2000 NL (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND PROCESS FOR PRODUCING AN OPTICAL FIBRE PREFORM

• APPAREIL ET PROCÉDE DE PRODUCTION D'UNE PREFORME DE FIBRE OPTIQUE

(71) **DRAKA FIBRE TECHNOLOGY B.V.** [NL/NL]; Zwaanstraat 1, NL-5651 CA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIMONS, Dennis, Robert** [NL/NL]; De Bazelstraat 3, NL5624 AT Eindhoven (NL). **JANSEN, Henrikus, Lambertus, Maria** [NL/NL]; Van Beverwijkstraat 10, NL-5571 BS Bergeijk (NL).

(74) **VAN KAN, J.J.H.** et al. / etc.; Algemeen Octrooibureau, World Trade Center, Pastoor Petersstraat 160, NL-5612 LV 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03B 37/028, 37/023, 40/033

(11) **WO 02/40416** (13) A1

(21) PCT/US01/43203

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,191 **16 Nov/nov 2000 US (16.11.2000)**

(30) 60/249,192 **16 Nov/nov 2000 US (16.11.2000)**

(30) 60/249,193 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • IMPROVED LEACHED FIBER BUNDLE AND METHOD

• FAISCEAU AMÉLIORÉ DE FIBRES LIXIVIÉES ET PROCÉDE CORRESPONDANT

(71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE). (for all designated States except / pour tous les États désignés sauf AU BG CA GB GM IE NZ OM SG TZ UG US ZA)

(71) **CARL-ZEISS-STIFTUNG Trading as SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)

(71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim (DE).

(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)

(72, 75) **GERSTNER, Klaus** [DE/DE]; Otto Hahn Strasse 17, 551921 Mainz (DE). **PLICHTA, Armin** [DE/DE]; Graf-Eberhard-Strasse 19, 55595 Sponheim (DE). **SCHLATTERBECK, Dirk** [DE/CH]; Büchnerstrasse 20, 8006 Zurich (CH). **WEISSER, Michael** [DE/US]; 3 Woodside Circle, Sturbridge, MA 01566 (US). **BRIX, Peter** [DE/DE]; Stadthausstrasse 17, 55116 Mainz (DE). **SOMMER, Martin** [DE/DE];

- Am Sportfeld 12b, 55437 Ockenheim (DE). **RUBINO, Jr., Robert, A.** [US/US]; 296 Weigold Road, Tolland, CT 06084 (US). **BONJA, Jeffrey, A.** [US/US]; 180 Fiske Hill Road, Sturbridge, MA 01566 (US). **STRACK, Richard** [US/US]; 34 Wells Park Road, Sturbridge, MA 01566 (US). **HENZE, Inka** [DE/DE]; osterstrasse 22a, 55288 Udenheim (DE). **ARSENAULT, Paul** [US/US]; 122 Charlton Street, Southbridge, MA 01550 (US).
- (74) **HUIS, Randolph, J.** et al. / etc.; Volpe and Koenig, P.C., One Penn Center, Suite 400, 1617 John F. Kennedy Boulevard, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Published / Publiée : (c)
Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (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 **C03C 17/00**
(11) **WO 02/40417** (13) A2
(21) PCT/US01/27355
(22) **31 Aug/août 2001 (31.08.2001)**
(25) en (26) en
(30) 60/229,449 **31 Aug/août 2000** US (31.08.2000)
(30) 09/, **30 Aug/août 2001** US (30.08.2001)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS OF OBTAINING PHOTOACTIVE COATINGS AND/OR ANATASE CRYSTALLINE PHASE OF TITANIUM OXIDES AND ARTICLES MADE THEREBY
• PROCEDES D'OBTENTION DE REVETEMENTS PHOTOSENSIBLES ET/OU D'OXYDES DE TITANE A PHASE CRISTALLINE ANATASE ET ARTICLES FABRIQUES CORRESPONDANTS
- (71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
(72) **FINLEY, James J.**; 111 Cornwall Drive, Pittsburgh, PA 15238 (US).
(74) **LEPIANE, Donald C.** et al. / etc.; PPG Industries, INC., One PPG Place, Pittsburgh, PA 15272 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
-
- (51)⁷ **C03C 17/38, 17/00, 17/36**
(11) **WO 02/40419** (13) A1
(21) PCT/FR01/03562
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) fr (26) fr
(30) 00/14701 **15 Nov/nov 2000** FR (15.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • OBJECT WITH METALLIC LAYER, METHOD FOR MAKING SAME AND USES
• OBJET A COUCHE METALLIQUE, PROCEDE DE FABRICATION ET APPLICATIONS
- SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C03C 17/00**
(11) **WO 02/40418** (13) A2
(21) PCT/US01/46087
(22) **23 Oct/oct 2001 (23.10.2001)**
(25) en (26) en
(30) 60/242,543 **24 Oct/oct 2000** US (24.10.2000)
(30) 09/, **22 Oct/oct 2001** US (22.10.2001)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF MAKING COATED ARTICLES AND COATED ARTICLES MADE THEREBY
• PROCEDE DE FABRICATION D'ARTICLES REVETUS ET ARTICLES REVETUS OBTENUS SELON CE PROCEDE
- (71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
(72) **BUHAY, Harry**; 1952 Del Prado Court, Allison Park, PA 15101 (US). **FINLEY, James, J.**; 111 Cornwall Drive, Pittsburgh, PA 15238 (US). **THIEL, James, P.**; 296 Mt. Royal Boulevard, Pittsburgh, PA 15223-1218 (US). **LEHAN, John, P.**; 3101 Westchester Drive, Pittsburgh, PA 15238 (US).
(74) **LEPIANE, Donald C.** et al. / etc.; PPG Industries, Inc., Intellectual Property Dept., One PPG Place, Pittsburgh, PA 15272 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
-
- (51)⁷ **C03C 19/00**
(11) **WO 02/40420** (13) A2
(21) PCT/EP01/12798
(22) **5 Nov/nov 2001 (05.11.2001)**
(25) de (26) de
(30) 100 56 392.9 **14 Nov/nov 2000** DE (14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • GLASS COMPONENT FOR TELEVISION SETS
• COMPOSANT EN VERRE POUR TELEVISEURS
- (71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KE KP KR NZ SG TZ UG US)
- (71) **CARL-ZEISS-STIFTUNG** trading as **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZW)
- (71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim an der Brenz (DE).
(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZW)
- (72, 75) **PRALLE, Jens** [DE/DE]; Pilgersberggasse 2, 55726 Oppenheim (DE).
(74) **FLECK, Hermann-Josef**; Klingengasse 2, 71655 Vaihingen/Enz (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 PL PT RO RU SD
- (71) **SAINT-GOBAIN GLASS FRANCE** [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEMARS, Yves** [FR/FR]; 237, rue de l'Empire, Agnetz, F-60600 Clermont (FR). **ROGIER, Christophe** [FR/FR]; 10, rue de la Montagne, F-60150 Thourotte (FR). **NATALI, Marco** [IT/IT]; Via Don Minzoni, 58, Lido di Camaiore, I-Lucca (IT).
- (74) **COLOMBIER, Christian** et al. / etc.; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ C04B 16/04, 20/00, 118/80, C09K 11/02,
11/80

(11) WO 02/40421 (13) A1

(21) PCT/AU01/01500

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) PR 1580 20 Nov/nov 2000 AU
(20.11.2000)

(30) PR 4278 6 Apr/avr 2001 AU
(06.04.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PHOTOLUMINESCENT PLASTIC AG-
GREGATES

● AGREGATS PLASTIQUES PHOTOLU-
MINESCENTS

(71) S.L.E. (AUSTRALIA) PTY LTD [AU/AU];
32 Shearson Crescent, Mentone, Victoria
3194 (AU).

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

(72, 75) ROGERS, Barry [AU/AU]; 32 Shearson
Crescent, Mentone, Victoria 3194 (AU).

(74) FREEHILLS CARTER SMITH BEA-
DLE; Level 43, 101 Collins Street, Mel-
bourne, Victoria 3000 (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 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 TR TT TZ
UA UG US UZ VN YU ZA ZW.

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

(51)⁷ C04B 35/00, C23C 14/34, 14/08, G02F
1/1343, H01L 21/285, H01J 11/02, 9/02,
H01L 31/04, G09F 9/30

(11) WO 02/40422 (13) A1

(21) PCT/JP01/09982

(22) 15 Nov/nov 2001 (15.11.2001)

(25) ja (26) ja

(30) 2000-350753 17 Nov/nov 2000 JP
(17.11.2000)

(30) 2001-293502 26 Sep/sep 2001 JP
(26.09.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MATERIAL FOR FORMING TRANS-
PARENT ELECTROCONDUCTIVE
FILM AND METHOD FOR PRODUC-
TION THEREOF

● MATERIAU POUR LA FORMATION
D'UN FILM ELECTROCONDUCTEUR

TRANSPARENT ET PROCEDE DE
PRODUCTION CORRESPONDANT

(71) FURUYA METAL CO.,LTD. [JP/JP];
2-37-5, Minamiotsuka, Toshima-ku, Tokyo
170-0005 (JP).

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

(72, 75) JINUSHI, Keiichiro [JP/JP]; c/o FU-
RUYA METAL CO., LTD., 2-37-5, Mi-
namiotsuka, Toshima-ku, Tokyo 170-0005
(JP).

(74) YANASE, Mutsuyasu; PATENT ATTOR-
NEYS "SHINPO", 1-20-10-203, Takadanob-
aba, Shinjuku-ku, Tokyo 169-0075 (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 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 TR TT TZ UA
UG US UZ VN YU ZA ZW.

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

(51)⁷ C04B 38/00

(11) WO 02/40423 (13) A1

(21) PCT/JP01/09856

(22) 12 Nov/nov 2001 (12.11.2001)

(25) ja (26) ja

(30) 2000-350846 17 Nov/nov 2000 JP
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SILICON CARBIDE BASED POROUS
ARTICLE AND METHOD FOR
PREPARING THE SAME

● ARTICLE POREUX A BASE DE CAR-
BURE DE SILICIUM ET SON PRO-
CEDE DE PREPARATION

(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) TOMITA, Takahiro [JP/JP]; c/o NGK
INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP). ICHIKAWA, Shuichi [JP/JP]; c/o
NGK INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP). KAWASAKI, Shinji [JP/JP]; c/o NGK
INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP). SAKAI, Hiroaki [JP/JP]; c/o NGK
INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP).

(74) WATANABE, Kazuhira; 3rd Fl. No.8 Kiku-
boshi Tower Building, 20-18, Asakusabashi
3-chome, Taito-ku, Tokyo 111-0053 (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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PH PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ C04B 38/00

(11) WO 02/40424 (13) A1

(21) PCT/JP01/09857

(22) 12 Nov/nov 2001 (12.11.2001)

(25) ja (26) ja

(30) 2000-350847 17 Nov/nov 2000 JP
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● HONEYCOMB STRUCTURE AND
METHOD FOR MANUFACTURE
THEREOF

● STRUCTURE EN NID D'ABEILLES ET
PROCÉDÉ DE FABRICATION

(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) ICHIKAWA, Shuichi [JP/JP]; c/o NGK
INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP). TOMITA, Takahiro [JP/JP]; c/o NGK
INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP). KAWASAKI, Shinji [JP/JP]; c/o NGK
INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP). SAKAI, Hiroaki [JP/JP]; c/o NGK
INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8530
(JP).

(74) WATANABE, Kazuhira; 3rd Fl. No.8 Kiku-
boshi Tower Building, 20-18, Asakusabashi
3-chome, Taito-ku, Tokyo 111-0053 (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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PH PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ C04B 41/63

(11) WO 02/40425 (13) A1

(21) PCT/EP01/12411

(22) 25 Oct/oct 2001 (25.10.2001)

(25) en (26) en

(30) PD2000A000259 17 Nov/nov 2000 IT
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● WATERPROOFING PASTE

● PATE D'ETANCHEITE

(71) ISOLCEM ITALIA S.R.L. [IT/IT]; Via
dell'Artigianato, 13, I-35010 Loreggia (IT).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MASON, Maurizio** [IT/IT]; Via dell'Artigianato, 13, I-35010 Loreggia (IT).
- (74) **ROBBA, Pierpaolo** et al. / etc.; Interpatent, Via Caboto, 35, I-10129 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C05B 11/06, 11/08, C01B 25/22**
- (11) **WO 02/40426** (13) A2
- (21) PCT/CA01/01573
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 09/713,182 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PROCESS FOR THE RECOVERY OF PHOSPHATE FROM PHOSPHATE ROCK
- PROCEDE DE RECUPERATION DE PHOSPHATE A PARTIR DE ROCHE PHOSPHATEE
- (71) **AGRIUM INC.** [CA/CA]; 13131 Lake Fraser Drive SE, Calgary, Alberta T2J 7E8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CARSTENS, Leslie, L.** [CA/CA]; Box 624, Thorhild, Alberta T0A 3J0 (CA). **WYNNYK, Nick, P.** [CA/CA]; 7107-157 Avenue, Edmonton, Alberta T5Z 2Z3 (CA).
- (74) **KOENIG, Hans** et al. / etc.; Smart & Biggar, 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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C05C 13/00, 1/00, 3/00**
- (11) **WO 02/40427** (13) A2
- (21) PCT/US01/46008
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,977 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 09/970,466 **4 Oct/oct 2001 US (04.10.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● AMMONIUM SULFATE NITRATE
- NITRATE SULFATE D'AMMONIUM
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **HIGHSMITH, Ronald, Earl**; 9100 Avocet Court, Chesterfield, VA 23838 (US). **CORREALE, Steven, Thomas**; 4749 Pompton Lane, Chester, VA 23831 (US). **KWEEDER, James, Alphonse**; 2835 Pine Meadow Circle, Chester, VA 23831 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C06B**
- (11) **WO 02/40428** (13) A2
- (21) PCT/US01/50488
- (22) **1 Nov/nov 2001 (01.11.2001)**
- (25) en (26) en
- (30) 60/245,174 **2 Nov/nov 2000 US (02.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● THICKENED WATER IN OIL EMULSION COMPOSITION
- COMPOSITION D'EMULSION EAU DANS HUILE EPAISSIE
- (71) **THE LUBRIZOL CORPORATION** [US/US]; 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **POLLACK, Robert, A.** [US/US]; 17330 Curry Lane, Auburn, OH 44023 (US).
- (74) **FISCHER, Joseph, P.** et al. / etc.; The Lubrizol Corporation, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).
- (81) AU CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C06B 45/00, F42B 3/08**
- (11) **WO 02/40429** (13) A1
- (21) PCT/NO01/00450
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) no (26) en
- (30) 2000/5773 **14 Nov/nov 2000 NO (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PYROTECHNIC CHARGE STRUCTURE
- STRUCTURE DE CHARGE PYROTECHNIQUE
- (71) **NAMMO RAUFOSS AS** [NO/NO]; P.O. Box 162, N-2831 Raufoss (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BISERØD, Hans, B.** [NO/NO]; Grimsrudveien 9, N-2830 Raufoss (NO). **HAMARSNES, Johans** [NO/NO]; Grimsrudveien 22, N-2830 Raufoss (NO).
- (74) **PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS**; P.O. Box 5074 Majorstua, N-0301 Oslo (NO).
- (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ **C06D 5/06**
- (11) **WO 02/40430** (13) A2
- (21) PCT/US01/44984
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/715,780 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● GAS GENERATION VIA METAL COMPLEXES OF GUANYLUREA NITRATE
- GENERATION DE GAZ PAR DES COMPLEXES METALLIQUES DE NITRATE DE GUANYLE UREE
- (71) **AUTOLIV ASP, INC.** [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).
- (72) **MENDENHALL, Ivan, V.**; 643 East Center Street, Providence, UT 84332 (US).
- (74) **KOTTIS, Nick, C.** et al. / etc.; Pauley Petersen Kinne & Erickson, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (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 SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 C07C

(11) WO 02/40431 (13) A2

(21) PCT/US01/44032

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,653 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMPOUNDS HAVING FUNGICI-
DAL ACTIVITY AND PROCESSES TO
MAKE AND USE SAME

• COMPOSES PRESENTANT UNE AC-
TIVITE FONGICIDE ET LEURS PRO-
CEDES DE PREPARATION ET D'UTILI-
SATION

(71) DOW AGROSCIENCES LLC [US/US];
9330 Zionsville Road, Indianapolis, IN 46268
(US).

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

(72, 75) RICKS, Michael, John [US/US]; 8717
Gordonshire Drive, Indianapolis, IN 46278
(US). KLITTICH, Carla, Jean, Ras-
mussen [US/US]; 1261 Village Walk Drive,
Zionsville, IN 46077 (US). CETUSIC, Jean-
nie, Rachel, Phillips [US/US]; 10134 Corn-
nith Way, Avon, IN 46123 (US). IAMAUTI,
Marilene, Tengan [US/US]; 21 Chestnut
Court, Zionsville, IN 46077 (US). MORRI-
SON, Irene, Mae [US/US]; 8224-206 Glen-
willow Lane, Indianapolis, IN 46278 (US).
SULLENBERGER, Michael, Thomas
[US/US]; 15610 River Birch Road, Westfield,
IN 46074 (US). LO, William, Chi-Leung
[US/US]; 12027 Weathered Edge Drive,
Fishers, IN 46038 (US). BUYSSE, Ann,
Marie [US/US]; 743 Alwyne Road, Carmel,
IN 46032 (US). RIEDER, Brent, Rieder
[US/US]; 3756 Forest Lane, Greenfield, IN
46140 (US). MATHIESON, John, Todd
[US/US]; 6527 Donnelly Drive, Brownsburg,
IN 46112 (US). OLSON, Monica, Britt
[US/US]; 4760 South Budd Road, Lebanon,
IN 46052 (US).

(74) CORVIN, Carl, Dean; Dow AgroSciences
LLC, 9330 Zionsville Road, Indianapolis, IN
46268 (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 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
NO NZ PL PT RO RU SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA
ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07C 7/00

(11) WO 02/40432 (13) A2

(21) PCT/US01/45529

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 09/713,082 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ADSORPTIVE SEPARATION PROCESS
FOR RECOVERY OF PARA-XYLENE

• PROCEDE DE SEPARATION PAR AD-
SORPTION POUR LA RECUPERATION
DE PARAXYLENE

(71) UOP LLC [US/US]; Patent Department, 25
East Algonquin Road, Des Plaines, IL 60017-
5017 (US).

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

(72, 75) ROESSELLER, Cara, M. [US/US];
25 East Algonquin Road, Des Plaines, IL
60017-5017 (US). KULPRATHIPANJA,
Santi [US/US]; 25 East Algonquin Road, Des
Plaines, IL 60017-5017 (US). REKOSKE,
James, E. [US/US]; 25 East Algonquin Road,
Des Plaines, IL 60017-5017 (US).

(74) UOP LLC; John G. Tolomei, 25 East Al-
gonquin Road, Des Plaines, IL 60017-5017
(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 SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C07C 7/00, C08K 5/06, C08L 39/00,
39/08, E03B 1/00

(11) WO 02/40433 (13) A1

(21) PCT/US01/49656

(22) 9 Nov/nov 2001 (09.11.2001)

(25) en (26) en

(30) 09/712,553 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD FOR PREVENTING OR
RETARDING THE FORMATION OF
GAS HYDRATES

• METHODE PERMETTANT D'EMPE-
CHER OU DE RETARDER LA FORMA-
TION D'HYDRATES DE GAZ

(71) ISP INVESTMENTS INC. [US/US]; 300
Delaware Avenue, Wilmington, DE 19801
(US).

(72) THIEU, Vu; 31 Marion Pepe Drive #C,
Lodi, NJ 07644 (US). BAKEEV, Kirill, N.; 5
Saddle Ridge Court, Wilmington, DE 19808
(US). SHIH, Jenn, S.; 255 Washington Place,
Paramus, NJ 07652 (US).

(74) MAUE, Marilyn, J. et al. / etc.; International
Specialty Products, Legal Department, Build-
ing 10, 1361 Alps Road, Wayne, NJ 07470
(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 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 PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

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

Published / Publiée : (c)

(51)⁷ C07C 11/167, 7/04 // B01D 3/28

(11) WO 02/40434 (13) A1

(21) PCT/EP01/13235

(22) 15 Nov/nov 2001 (15.11.2001)

(25) de (26) de

(30) 100 56 841.6 16 Nov/nov 2000 DE
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR OBTAIN-
ING 1,3 PURE BUTADIENE FROM 1,3
RAW BUTADIENE BY DISTILLATION

• PROCEDE ET DISPOSITIF POUR OB-
TENIR DU 1,3-BUTADIENE PUR A
PARTIR DE 1,3-BUTADIENE BRUT
PAR DISTILLATION

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

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

(72, 75) BOHNER, Gerd [DE/DE]; Im Klipfel
18, 69254 Malsch (DE). KINDLER, Klaus
[DE/DE]; Richard-Wagner-Strasse 6a,
67376 Harthausen (DE). PAHL, Melanie
[DE/DE]; Max-Joseph-Strasse 30, 68167
Mannheim (DE). KAIBEL, Gerd [DE/DE];
Robert-Bosch-Str. 4, 68623 Lampfertheim
(DE).

(74) ISENBRUCK, Günter; Bardehle, Pagen-
berg, Dost, Altenburg, Geissler, Isenbruck
Theodor-Heuss-Anlage 12, 68165 Mannheim
(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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 37/68

(11) WO 02/40435 (13) A1

(21) PCT/US01/44249

- (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) en (26) en
 (30) 60/249,306 **16 Nov/nov 2000 US (16.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • ECONOMICAL PURIFICATION OF BISPHENOL A
 • PURIFICATION ECONOMIQUE DE BISPHENOL A
- (71) **WASHINGTON GROUP INTERNATIONAL, INC.** [US/US]; 720 Park Boulevard, Boise, ID 83729 (US). **RESOLUTION PERFORMANCE PRODUCTS LLC** [US/US]; 1600 Smith Street, 24th Floor, Houston, Texas 77002 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EVITT, Steven, D.** [US/US]; 34 Josephine Avenue, Somerville, MA 02144 (US). **PALMER, Dave, P.** [US/US]; 23319 Fairbranch Drive, Katy, TX 77494 (US).
- (74) **SILVERSTEIN, David;** Andover-IP-Law, 44 Park Street, Suite 300, Andover, MA 01810 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- Published / Publiée : (c)
- Declarations / Déclarations :
 (u) for / pour US only / seulement; (u) for / pour US only / seulement
-
- (51)⁷ **C07C 45/51**
 (11) **WO 02/40436** (13) A1
 (21) PCT/CA01/01562
 (22) **8 Nov/nov 2001 (08.11.2001)**
 (25) en (26) en
 (30) 2,326,471 **20 Nov/nov 2000 CA (20.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • PRODUCTION OF GLYCOLALDEHYDE BY HYDROUS THERMOLYSIS OF SUGARS
 • PRODUCTION DE GLYCOLALDEHYDE PAR THERMOLYSE HYDRIQUE DE SUCRES
- (71) **RESOURCE TRANSFORMS INTERNATIONAL LTD.** [CA/CA]; Unit 5 - 110 Baffin Place, Waterloo, Ontario N2V 1Z7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAJERSKI, Piotr, A.** [CA/CA]; 417 Midwood Crescent, Waterloo, Ontario N2L 5N4 (CA). **PISKORZ, Jan, K.** [CA/CA]; 315 Concordia Crescent, Waterloo, Ontario N2K 2M2 (CA). **RADLEIN, Desmond, St., A., G.** [CA/CA]; 632 Grange Crescent, Waterloo, Ontario N2T 2L9 (CA).
- (74) **VERMETTE & CO.;** Box 40, Granville Square, 230-200 Granville Street, Vancouver, British Columbia V6C 1S4 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 67/287, 69/708, 51/09, 59/135, G01N 30/88, 30/86, 30/04**
 (11) **WO 02/40437** (13) A1
 (21) PCT/JP01/10116
 (22) **20 Nov/nov 2001 (20.11.2001)**
 (25) ja (26) ja
 (30) 2000-353340 **20 Nov/nov 2000 JP (20.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESS FOR PREPARING FLUORINATED ESTERS BY GAS CHROMATOGRAPHY
 • PROCEDE DE PREPARATION D'ESTERS FLUORES PAR CHROMATOGRAPHIE GAZEUSE
- (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) **KAWAHARA, Kengo** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **ISEMURA, Tsuguhide** [JP/JP]; c/o Asahi Glass Company, Limited, 10, Goikaigan, Ichihara-shi, Chiba 290-8566 (JP). **OKAZOE, Takashi** [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 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 KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C07C 67/31, 69/732, 69/738, C12P 41/00, C07C 69/675, 59/84**
 (11) **WO 02/40438** (13) A1
 (21) PCT/EP01/12821
 (22) **6 Nov/nov 2001 (06.11.2001)**
 (25) en (26) en
 (30) 00811074.4 **14 Nov/nov 2000 EP (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • PREPARATION OF ENANTIOMERICALLY PURE HYDROXY ESTERS AND ACIDS
 • PREPARATION D'HYDROXYESTERS ENANTIOMERIQUEMENT PURS ET DES ACIDES
- (71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, 4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ÖHRLEIN, Reinhold** [DE/DE]; Bahnhofstrasse 68A, 79618 Rheinfelden-Herten (DE). **BAISCH, Gabriele** [DE/DE]; Baselstrasse 20, 79589 Binzen (DE).
- (74) **CIBA SPECIALTY CHEMICALS HOLDING INC.;** Patentabteilung, Klybeckstrasse 141, 4057 Basel (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C07C 69/96, 68/06, 68/08**
 (11) **WO 02/40439** (13) A2
 (21) PCT/US01/42821
 (22) **18 Oct/oct 2001 (18.10.2001)**
 (25) en (26) en
 (30) 09/713,692 **15 Nov/nov 2000 US (15.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR THE CONTINUOUS PRODUCTION OF AROMATIC CARBONATES
 • PROCEDE DE PRODUCTION EN CONTINU DE CARBONATES AROMATIQUES
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **BOUWENS, Stephan, Mathys;** Aak 19, NL-4617 GA Bergen op Zoom (NL). **VIEVEEN, Marcel;** Stellingmolen 4, NL-4681 CL Nieuw-Vossemeev (NL).
- (74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

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

(51)⁷ C07C 227/12, 229/06, C07D 201/08

(11) WO 02/40440 (13) A1

(21) PCT/US01/48001

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(30) 09/713,143 16 Nov/nov 2000 US (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PRODUCTION OF 6-AMINOCAPROIC ACID

● PRODUCTION D'ACIDE 6-AMINOCA-PROIQUE

(71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) BUNEL, Emilio, E.; 521 Andover Road, Wilmington, DE 19803 (US). KOCH, Theodore, A.; 600 Cheltenham Road, Wilmington, DE 19808 (US). OZER, Ronnie; 2002 Sherwood Road, Arden, DE 19810 (US). SENGUPTA, Sourav, K.; 122 Westgate Drive, Wilmington, DE 19808 (US).

(74) DEITCH, Gerald, E.; E. I. Du Pont De Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ C07C 229/10, 229/14, C07D 301/02

(11) WO 02/40441 (13) A1

(21) PCT/IB01/01789

(22) 27 Sep/sep 2001 (27.09.2001)

(25) en (26) en

(30) MI2000A002466 16 Nov/nov 2000 IT (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCESS FOR THE PREPARATION OF PROTECTED 1-(1-AMINOALKYL)-OXIRANES

● PROCEDE DE PREPARATION DE 1-(1-AMINOALKYLE)-OXIRANES PROTEGES

(71) CLARIANT LIFE SCIENCE MOLECULES (ITALIA) S.P.A. [IT/IT]; Via Vittor Pisani 16, I-20124 Milano (IT).

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

(72, 75) BERTOLINI, Giorgio [IT/IT]; Via A. Villa 1, I-20099 Sesto San Giovanni (IT). BELLANI, Pietro [IT/IT]; Via Trento 10, I-20125 Rho (IT).

(74) D'HAEMER, Jan; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(81) HU JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C07C 229/24, 227/08, 227/40, 229/08

(11) WO 02/40442 (13) A1

(21) PCT/JP01/09499

(22) 30 Oct/oct 2001 (30.10.2001)

(25) ja (26) ja

(30) 2000-350836 17 Nov/nov 2000 JP (17.11.2000)

(30) 2001-309752 5 Oct/oct 2001 JP (05.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD OF INTRODUCING AMINO GROUP AND METHOD OF SYNTHESIZING AMINO ACID

● PROCEDE D'INTRODUCTION UN GROUPE AMINO ET PROCEDE DE SYNTHESE D'ACIDE AMINE

(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) HATAKEDA, Kiyotaka [JP/JP]; 2-405, 15, Tsunogoro 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-0874 (JP). IKUSHIMA, Yutaka [JP/JP]; 3-26, Mizunomori 1-chome, Aoba-ku, Sendai-shi, Miyagi 981-0962 (JP). SATO, Osamu [JP/JP]; 20-712, 5, Saiwai-cho 2-chome, Miyagino-ku, Sendai-shi, Miyagi 983-0836 (JP). KAWANAMI, Hajime [JP/JP]; 18-8, Yakata 5-chome, Izumi-ku, Sendai-shi, Miyagi 981-3214 (JP). KANAKUBO, Mitsuhiro [JP/JP]; 11-33, 16, Maruyama 1-chome, Tagajo-shi, Miyagi 985-0834 (JP). TORII, Kazuo [JP/JP]; 19-13, Nishinakada 1-chome, Taihaku-ku, Sendai-shi, Miyagi 981-1105 (JP).

(74) SUDO, Masahiko; Muromachi Saito Bldg. 4F, 13-4, Nihonbashi-Muromachi 1-chome, Chuo-ku, Tokyo 103-0022 (JP).

(81) AU CA CN IN KR MX NO NZ RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C07C 273/04

(11) WO 02/40443 (13) A1

(21) PCT/NL01/00799

(22) 1 Nov/nov 2001 (01.11.2001)

(25) en (26) en

(30) 1016643 17 Nov/nov 2000 NL (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCESS FOR THE PREPARATION OF UREA

● PROCÉDÉ DE PRÉPARATION D'URÉE

(71) DSM N.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) BIERMANS, Andreas, Johannes [NL/NL]; Churchillstraat 3, NL-6129 GS Stein (NL). JONCKERS, Kees [NL/NL]; Illikhoven 13, NL-6116 AK Susteren (NL).

(74) BOKHOVEN, Petrus, Hubertus, Maria; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 275/26, 275/28, 309/51, 311/14, 323/36, C07D 209/48, 277/66, 277/82, 319/08, A61K 31/17, 31/428, A61P 3/00

(11) WO 02/40444 (13) A1

(21) PCT/DK01/00759

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) PA 2000 01731 17 Nov/nov 2000 DK (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● GLUCAGON ANTAGONISTS/INVERSE AGONISTS

● ANTAGONISTES/AGONISTES INVERSES DE GLUCAGON

(71) NOVO NORDISK A/S [DK/DK]; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK). AGOURON PHARMACEUTICALS, INC. [US/US]; 10350 North Torrey Pines Road, La Jolla, CA 92037 (US).

(72) MADSEN, Peter; Ulvejbjerg 7, DK-2880 Bagsværd (DK). LAU, Jesper; Rosenvænget 3, DK-3520 Farum (DK). LING, Anthony; 11314 Breckenridge Way, San Diego, CA 92131 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 275/28, C07D 271/06, 277/82, 263/57, 333/36, 319/08, 319/20, 413/112, A61K 31/41, 31/4245, 31/17, A61P 3/10, 3/04

(11) WO 02/40445 (13) A1

(21) PCT/DK01/00758

- (22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) PA 2000 01732 **17 Nov/nov 2000** DK
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● GLUCAGON ANTAGONISTS/INVERSE AGONISTS
● AGONISTES DE GLUCAGON/ANTAGONISTES INVERSES
- (71) **NOVO NORDISK A/S** [DK/DK]; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).
- (72) **BEHRENS, Carsten**; Lundtoftegade 107, 1. th., DK-2200 København N (DK). **LAU, Jesper**; Rosenvænget 3, DK-3520 Farum (DK). **MADSEN, Peter**; Ulvejbjerg 7, DK-2880 Bagsværd (DK).
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C07C 275/28, 275/34, 275/32, 275/40, C07D 319/08, 319/20, 209/48, 271/06, 333/36, 257/04, A61K 31/197, 31/41, A61P 3/10, 3/04**
- (11) **WO 02/40446** (13) A1
(21) PCT/DK01/00760
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) PA 2000 01733 **17 Nov/nov 2000** DK
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● GLUCAGON ANTAGONIST/INVERSE AGONIST
● ANTAGONISTES/AGONISTES INVERSES DU GLUCAGON
- (71) **NOVO NORDISK A/S** [DK/DK]; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).
- (72) **JØRGENSEN, Anker, Steen**; Oliemølle-gade 8, 4., lejl. 4, DK-2100 Copenhagen Ø (DK). **MADSEN, Peter**; Ulvejbjerg 7, DK-2880 Bagsværd (DK).
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C07D 213/64, 213/80, 401/04, 401/06, A61K 31/4412, A61P 9/10, 5/48, 3/10**
- (11) **WO 02/40448** (13) A1
(21) PCT/US01/43647
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 60/252,014 **20 Nov/nov 2000** US
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PYRIDONE DERIVATIVES AS AP2 INHIBITORS
● DERIVES DE PYRIDONES UTILISES EN TANT QU'INHIBITEURS AP2
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (US).
- 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) **SULSKY, Richard** [US/US]; 2 Coventry Square, West Trenton, NJ 08628 (US). **ROBL, Jeffrey, A.** [US/US]; 7 Tulip Drive, Newtown, PA 18940 (US).
- (74) **BRISTOL-MYERS SQUIBB COMPANY** et al. / etc.; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, New Jersey 08543-4000 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C07D 217/14, 217/16, 417/12, 405/12, 401/12, A61K 31/4725, 31/472, A61P 11/00, C07D 409/12**
- (11) **WO 02/40449** (13) A1
(21) PCT/EP01/12909
(22) **8 Nov/nov 2001 (08.11.2001)**
(25) en (26) en
(30) 00124807.9 **14 Nov/nov 2000** EP
(**14.11.2000**)
(30) 00124809.5 **14 Nov/nov 2000** EP
(**14.11.2000**)
(30) 00124808.7 **14 Nov/nov 2000** EP
(**14.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● DIHYDROISOQUINOLINES AS NOVEL PHOSPHODIESTERASE INHIBITORS
● DIHYDROISOQUINOLINES COMME NOUVEAUX INHIBITEURS DE PHOSPHODIESTERASE
- (71) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH** [DE/DE]; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **STEINHILBER, Wolfram**; Herzog-Erchanger-Str. 16, 78333 Stockach (DE).
- (72, 75) **GRUNDLER, Gerhard** [DE/DE]; Meersburger Str. 4, 78464 Konstanz (DE). **GUTTERER, Beate** [DE/DE]; Allensbacher Str. 5, 78476 Allensbach (DE). **HATZELMANN, Armin** [DE/DE]; Alter Wall 3, 78467 Konstanz (DE). **STADLWIESER, Josef** [AT/DE]; Im Apfèlgarten 3, 78465 Konstanz (DE). **STERK, Geert, Jan** [NL/NL]; Stadhouderslaan 38, NL-3583 JJ Utrecht (NL). **WEINBRENNER, Steffen** [DE/DE]; Luzzilonweg 4, 78465 Konstanz (DE).
- (74) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH**; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
- (81) AE AL AU BA BG BR CA CN CO CU CZ EC EE GE HR HU ID IL IN IS JP KR LT LV

- MK MX NO NZ PH PL RO SG SI SK UA US
VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR).
- Published / Publiée : (q1)
- (51)⁷ C07D 217/14, 409/12, 413/12, 413/14,
513/04, A61K 31/472, 31/4725, A61P 11/00,
C07D 513/04, 277/00, 235/00
- (11) WO 02/40450 (13) A1
- (21) PCT/EP01/12918
- (22) 8 Nov/nov 2001 (08.11.2001)
- (25) en (26) en
- (30) 00124774.1 14 Nov/nov 2000 EP
(14.11.2000)
- (30) 101 03 547.0 26 Jan/jan 2001 DE
(26.01.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • (DIHYDRO)ISOQUINOLINE DERIVA-
TIVES AS PHOSPHODIESTERASE
INHIBITORS
- DERIVES DE (DIHYDRO)ISOQUI-
NOLINE COMME INHIBITEURS DE
PHOSPHODIESTERASE
- (71) BYK GULDEN LOMBERG CHEMIS-
CHE FABRIK GMBH [DE/DE];
Byk-Gulden-Strasse 2, 78467 Konstanz
(DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72) BUNDSCHUH, Daniela; Rheingutstrasse
17, 78462 Konstanz (DE). KLEY, Hans-Pe-
ter; Im Weinberg 3b, 78476 Allensbach
(DE). STEINHILBER, Wolfram; Her-
zog-Erchanger-Str. 16, 78333 Stockach
(DE).
(for all designated States except / pour tous
les États désignés sauf CA US)
- (72, 75) GRUNDLER, Gerhard [DE/DE];
Meersburger Str. 4, 78464 Konstanz (DE).
GUTTERER, Beate [DE/DE]; Allensbacher
Str. 5, 78476 Allensbach (DE). HATZEL-
MANN, Armin [DE/DE]; Alter Wall 3,
78467 Konstanz (DE). STADLWIESER,
Josef [AT/DE]; Im Apfelgarten 3, 78465 Kon-
stanz (DE). STERK, Geert, Jan [NL/NL];
Stadhouderslaan 38, NL-3583 JJ UTRECHT
(NL). WEINBRENNER, Steffen [DE/DE];
Luzzilonweg 4, 78465 Konstanz (DE).
- (74) BYK GULDEN LOMBERG CHEMIS-
CHE FABRIK GMBH; Byk-Gulden-Strasse
2, 78467 Konstanz (DE).
- (81) AE AL AU BA BG BR CA CN CO CU CZ
EC EE GE HR HU ID IL IN IS JP KR LT LV
MK MX NO NZ PH PL RO SG SI SK UA US
VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR).
- Published / Publiée : (c)
- (51)⁷ C07D 223/00
- (11) WO 02/40451 (13) A2
- (21) PCT/US01/27795
- (22) 2 Nov/nov 2001 (02.11.2001)
- (25) en (26) en
- (30) 60/249,656 17 Nov/nov 2000 US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LACTAM COMPOUND
• COMPOSE LACTAME
- (71) ELI LILLY AND COMPANY [US/US];
Lilly Corporate Center, DC 1104, Indianapo-
lis, IN 46285 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) KOENIG, Thomas, Mitchell [US/US];
11867 North Wildwood Lane, Camby, IN
46113 (US). AUDIA, James, Edmund
[US/US]; 6449 Lakeside Woods Circle, In-
dianapolis, IN 46278 (US). MITCHELL,
David [US/US]; 8728 Santana Lane, In-
dianapolis, IN 46278 (US). MCDANIEL,
Stacey, Leigh [US/US]; 5866 Volunteer
Lane, Martinsville, IN 46151 (US). BUC-
CILLI, Lynne, Ann [US/US]; 604 Kessler
Boulevard East Drive, Indianapolis, IN 46220
(US). ENGEL, Gary, Lowell [US/US]; 1984
Inverness Place, Greenwood, IN 46143 (US).
AIKINS, James, Abraham [GH/US]; 9230
West Fallcreek Drive, Pendleton, IN 46064
(US).
- (74) GONGOLA, Janet, A. et al. / etc.; Eli Lilly
and Company, Lilly Corporate Center, DC
1104, Indianapolis, IN 46285 (US).
- (81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE
EE (Utility model / modèle d'utilité) ES FI
FI (Utility model / modèle d'utilité) GB GD
GE GH GM HR HU ID 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 PH
PL PT RO RU SD SE SG SI SK SK (Utility
model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
- (51)⁷ C07D 227/00
- (11) WO 02/40452 (13) A2
- (21) PCT/US01/47424
- (22) 5 Nov/nov 2001 (05.11.2001)
- (25) en (26) en
- (30) 09/713,153 16 Nov/nov 2000 US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PRODUCTION OF ALKYL
6-AMINOCAPROATE
- PRODUIT 6-AMINOCAPROATE AL-
KYLE
- (71) E. I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).
- (72) BUNEL, Emilio, E.; 521 Andover Road,
Wilmington, DE 19803 (US). KOCH,
Theodore, A.; 600 Cheltenham Road, Wilm-
ington, DE 19808 (US). OZER, Ronnie;
2002 Sherwood Road, Arden, DE 19810
(US). SENGUPTA, Sourav, K.; 122 West-
gate Drive, Wilmington, DE 19808 (US).
- (74) DEITCH, Gerald, E.; E. I. Du Pont De
Nemours And Company, Legal Patent
Records Center, 1007 Market Street, Wilm-
ington, DE 19898 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C07D 233/50, 405/12, A61K 31/4168,
31/496, 31/5377, 31/4178, A61P 29/00
- (11) WO 02/40453 (13) A1
- (21) PCT/EP01/12776
- (22) 5 Nov/nov 2001 (05.11.2001)
- (25) en (26) en
- (30) 60/248,888 14 Nov/nov 2000 US
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SUBSTITUTED 2-PHENYLAMINOIM-
IDAZOLINE PHENYL KETONE
DERIVATIVES AS IP ANTAGONISTS
- DERIVES DE 2-PHENYLAMINOIMI-
DAZOLINE PHENYLE CETONE SUB-
STITUTES UTILISES COMME ANTA-
GONISTES DE LA PROSTAGLANDINE
I2
- (71) F. HOFFMANN-LA ROCHE AG
[CH/CH]; Grenzacherstrasse 124, CH-4070
Basle (CH).
- (72) JAHANGIR, Alam; 3655 Valley Ridge
Lane, San Jose, CA 95148 (US).
- (74) WAECHTER, Dieter; Grenzacherstrasse
124, CH-4070 Basle (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C07D 233/54, 233/58, 233/60, 233/62
- (11) WO 02/40454 (13) A1
- (21) PCT/US00/31598
- (22) 16 Nov/nov 2000 (16.11.2000)
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESS FOR MANUFACTURE OF
IMIDAZOLES
- PROCEDE DE FABRICATION D'IMI-
DAZOLES

- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1107 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARDUENGO, Anthony, J., III** [US/US]; 12714 Hagler Coaling Road, Cottondale, AL 35453-2708 (US). **PRAKASHA, Taverkere, K.** [US/US]; 51 Church Street, North Andover, MA 01845 (US). **GENTRY, Frederick, P., Jr.** [US/US]; 4 Crissy Court, Bear, DE 19701 (US). **SIMMONS, Howard, E., III** [US/US]; 9 East Mozart Drive, Wilmington, DE 19807 (US).
- (74) **IEGELL, Barbara, C.**; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 239/96, 495/04, A61K 31/517, 31/519, C07D 401/12, 401/14, 403/12, 405/12, 409/12, 413/12, 471/04, 491/04, 519/00**
- (11) **WO 02/40455** (13) A1
(21) PCT/EP01/12694
(22) **2 Nov/nov 2001 (02.11.2001)**
(25) de (26) de
(30) 100 56 312.0 **14 Nov/nov 2000 DE (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • SUBSTITUTED AMIDOALKYL URACILS AND THE USE THEREOF
• AMIDOALKYL-URACILES SUBSTITUES ET LEUR UTILISATION
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALBRECHT, Barbara** [DE/DE]; Heidestr. 9, 42289 Wülfrath (DE). **GERISCH, Michael** [DE/DE]; Pahlkestr. 5, 42115 Wuppertal (DE). **HANDKE, Gabriele** [DE/DE]; Bertold-Brecht-Str. 2, 42489 Wülfrath (DE). **JENSEN, Axel** [DE/DE]; Hügelstr. 62, 42553 Velbert (DE). **KRAHN, Thomas** [DE/DE]; Wiener Str. 29, 58135 Hagen (DE). **NICKL, Werner** [DE/DE]; Am Bleichacker 43b, 79183 Waldkirch (DE). **OEHME, Felix** [DE/DE]; Tiergartenstr. 239, 42117 Wuppertal (DE). **SCHLEMMER, Karl-Heinz** [DE/DE]; Wildsteig 22a, 42113 Wuppertal (DE). **STEINHAGEN, Henning** [DE/DE]; Egenstr. 64, 42113 Wuppertal (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C07D 241/18, 241/20, 405/12, 213/82, 213/60, 213/64, 213/74, A61K 031/497, 31/445, 31/4427, A61P 25/00, 25/18, 13/00, 25/04**
- (11) **WO 02/40456** (13) A1
(21) PCT/SE01/02569
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 0004245-7 **20 Nov/nov 2000 SE (20.11.2000)**
(30) 60/253,509 **28 Nov/nov 2000 US (28.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • PIPERAZINYLPYRAZINE COMPOUNDS AS AGONIST OR ANTAGONIST OF SEROTONIN 5HT-2 RECEPTOR
• COMPOSES DE PIPERAZINYLPYRAZINE UTILISES COMME AGONISTES OU ANTAGONISTES DU RECEPTEUR DE LA SEROTONINE 5HT-2
- (71) **BIOVITRUM AB** [SE/SE]; S-112 76 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NILSSON, Björn** [SE/SE]; Djäknegatan 15:650, S-754 23 Uppsala (SE). **SCOBIE, Martin** [GB/SE]; Murargatan 27, S-754 37 Uppsala (SE).
- (74) **HÖGLUND, Lars**; Biovitrum AB, S-112 76 Stockholm (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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(t) 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 261/08, 417/12, 413/12, 413/06, 413/14, 413/04, A61K 31/42, 31/675, 31/427, 31/4709, 31/496, 31/454**
- (11) **WO 02/40458** (13) A1
(21) PCT/JP01/10001
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) ja (26) ja
(30) 2000-350869 **17 Nov/nov 2000 JP (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • ISOXAZOLE DERIVATIVES
• DERIVES D'ISOXAZOLE

- (71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOMOSE, Yu** [JP/JP]; 8-7, Sumiregaoka 2-chome, Takarazuka-shi, Hyogo 665-0847 (JP). **MAEKAWA, Tsuyoshi** [JP/JP]; 2-21, Ioi 1-chome, Ikaruga-cho, Ikoma-gun, Nara 636-0124 (JP). **ASAKAWA, Tomoko** [JP/JP]; 12-14, Sawaragi-cho, Takatsuki-shi, Osaka 569-0084 (JP). **SAKAI, Nozomu** [JP/JP]; 3-12, Matsumotodori 5-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0045 (JP).
- (74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 277/74, C07C 61/40, 43/23, 205/11, 21/18, 21/215, 22/00, 22/08, 67/08, 41/30**
- (11) **WO 02/40459** (13) A1
- (21) PCT/EP01/13167
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 00125084.4 **17 Nov/nov 2000 EP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PREPARATION OF MONOFLUOROALKENES
● PREPARATION DE MONOFLUOROALCENES
- (71) **AVENTIS CROPSCIENCE GMBH** [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAZENOK, Sergiy** [UA/DE]; Am Flachsland 56, 65779 Kelkheim (DE). **DEMOUTE, Jean-Pierre** [FR/FR]; 65, avenue Foch, F-93360 Neuilly-Plaisance (FR). **ZARD, Samir** [FR/FR]; 6, impasse des 4 Vents, F-91190 Gif sur Yvette (FR). **LEQUEUX, Thierry** [FR/FR]; 6, rue du Général Leclerc, F-14800 Langrune sur Mer (FR).
- (81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MX NO NZ OM PH PL RO RU SG SI SK TJ TM TT UA US UZ VN YU ZA.
- (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 313/00, A61K 31/335, A61P 31/12, 39/06, A61K 35/80**
- (11) **WO 02/40463** (13) A1
- (21) PCT/JP00/08172
- (22) **20 Nov/nov 2000 (20.11.2000)**
- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● MACROCYCLIC COMPOUND
● COMPOSE MACROCYCLIQUE
- (71) **TOYAMA-KEN** [JP/JP]; 1-7, Shinsogawa, Toyama-shi, Toyama 930-0006 (JP). **LEAD CHEMICAL CO., LTD.** [JP/JP]; 77-3, Himata, Toyama-shi, Toyama 930-0912 (JP).
-
- (51)⁷ **C07D 279/26**
- (11) **WO 02/40460** (13) A1
- (21) PCT/IN01/00201
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 979/MAS/2000 **17 Nov/nov 2000 IN (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A PROCESS FOR THE PREPARATION OF 2-[PHENOTHIAZIN-10-YL] ETHYL METHANE SULPHONATE
● METHODE DE PREPARATION DE 2-[PHENOTHIAZIN-10-YLE] METHANESULPHONATE D'ETHYLE
- (71) **DR. REDDY'S RESEARCH FOUNDATION** [IN/IN]; 7-1-27, Ameerpet, 500 016 Hyderabad (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GADDAM, Om, Reddy** [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, 500 016 Hyderabad (IN). **MAMILLAPALLI, Ramabhadra, Sarma** [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, 500 016 Hyderabad (IN). **BATCHU, Chandrasekhar** [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, 500 016 Hyderabad (IN). **CHEN-NAMADHAUNI, Hari, Charan, Raju** [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, 500 016 Hyderabad (IN).
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **C07D 295/08, 295/18, 207/14, 207/08, 211/42**
- (11) **WO 02/40461** (13) A2
- (21) PCT/US01/44023
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/715,601 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● AMINOALKOXYBIPHENYL CARBOXAMIDES AS HISTAMINE-3 RECEPTOR LIGANDS AND THEIR THERAPEUTIC APPLICATIONS
● AMINOALCOXYBIPHENYL CARBOXAMIDES UTILES EN TANT QUE LIGANDS DU RECEPTEUR D'HISTAMINE-3 ET APPLICATIONS THERAPEUTIQUES DE CES DERNIERS
- (71) **ABBOTT LABORATORIES** [US/US]; Dept. 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (72) **BENNANI, Youssef, L.**; 28572 Windmere Ct., Lake Bluff, IL 60044 (US). **FAGHIH, Ramin**; 36 N. Washington Rd., Lake Forest, IL 60045 (US).
- (74) **DONNER, B., Gregory** et al. / etc.; Dept. 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (81) CA JP MX.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07D 309/00**
- (11) **WO 02/40462** (13) A2
- (21) PCT/US01/46486
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/252,840 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● CYSTEINE PROTEASE INHIBITORS
● INHIBITEURS DE CYSTÉINE PROTÉASE
- (71) **MEDIVIR UK LIMITED** [GB/GB]; Peterhouse Technology Park, 100 Fulbourn Road, Cambridge CB1 9PT (GB). **GENZYME CORPORATION** [US/US]; 1 Kendall Square, Cambridge, MA 02139 (US).
- (72) **QUIBELL, Martin**; Medivir UK Ltd., Peterhouse Technology Park, 100 Fulbourn Road, Cambridge CB1 9PT (GB). **TAYLOR, Steven**; Medivir UK Ltd., Peterhouse Technology Park, 100 Fulbourn Road, Cambridge CB1 9PT (GB). **GRABOWSKA, Urszula**; Medivir UK Ltd., Peterhouse Technology Park, 100 Fulbourn Road, Cambridge CB1 9PT (GB). **NILSSON, Magnus**; Medivir UK Ltd., Peterhouse Technology Park, 100 Fulbourn Road, Cambridge CB1 9PT (GB). **MORISSON, Veronique**; Medivir UK Ltd., Peterhouse Technology Park, 100 Fulbourn Road, Cambridge CB1 9PT (GB).
- (74) **SVENSSON, Leonard, R.**; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040-0747 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 313/00, A61K 31/335, A61P 31/12, 39/06, A61K 35/80**
- (11) **WO 02/40463** (13) A1
- (21) PCT/JP00/08172
- (22) **20 Nov/nov 2000 (20.11.2000)**
- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● MACROCYCLIC COMPOUND
● COMPOSE MACROCYCLIQUE
- (71) **TOYAMA-KEN** [JP/JP]; 1-7, Shinsogawa, Toyama-shi, Toyama 930-0006 (JP). **LEAD CHEMICAL CO., LTD.** [JP/JP]; 77-3, Himata, Toyama-shi, Toyama 930-0912 (JP).

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

- (72, 75) **MATSUNAGA, Takayuki** [JP/JP]; Toyama Prefectural Institute for Pharmaceutical Research, 17-1, Nakataikoyama, Kosugi-machi, Imizu-gun, Toyama 939-0363 (JP). **TAKAHASHI, Satoshi** [JP/JP]; Toyama Prefectural Institute for Pharmaceutical Research, 17-1, Nakataikoyama, Kosugi-machi, Imizu-gun, Toyama 939-0363 (JP). **HASEGAWA, Chika** [JP/JP]; Toyama Prefectural Institute for Pharmaceutical Research, 17-1, Nakataikoyama, Kosugi-machi, Imizu-gun, Toyama 939-0363 (JP). **FUJITA, Daisuke** [JP/JP]; Toyama Prefectural Fisheries Research Institute, 364, Takatsuka, Nanerikawa-shi, Toyama 936-0011 (JP). **MORI, Masao** [JP/JP]; Lead Chemical Co., Ltd., 77-3, Himata, Toyama-shi, Toyama 930-0912 (JP). **SAITO, Haruo** [JP/JP]; Lead Chemical Co., Ltd., 77-3, Himata, Toyama-shi, Toyama 930-0912 (JP). **MORI, Jun** [JP/JP]; Lead Chemical Co., Ltd., 77-3, Himata, Toyama-shi, Toyama 930-0912 (JP).
- (74) **HANABUSA, Tsuneo** et al. / etc.; Hanabusa Patent Office, Ochanomizu Square B, 6, Kandasurugadai 1-chome, Chiyoda-ku, Tokyo 101-0062 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 335/16**
- (11) **WO 02/40464** (13) A1
- (21) PCT/GB00/04343
- (22) **15 Nov/nov 2000 (15.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FRIEDEL-CRAFT PROCESS FOR THE PREPARATION OF THIOXANTHONES
- PROCEDE FRIEDEL-CRAFT POUR LA PREPARATION DE THIOXANTHONES
- (71) **PROMLIMITED** [—/GB]; Prom House, 89 High Street, Caterham CR3 5UH (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERG, Carsten** [DK/DK]; Aalebæk Strandvej 28, DK-4791 Borre (DK).
- (74) **PROM LIMITED**; Prom House, 89 High Street, Caterham CR3 5UH (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁷ **C07D 401/00**
- (11) **WO 02/40465** (13) A2
- (21) PCT/US01/50019
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 60/249,633 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ARYLOXY PIPERIDINYL INDOLES FOR TREATING DEPRESSION
- INDOLES ARYLOXY-PIPERIDINYLE POUR LE TRAITEMENT DE LA DEPRESSION
- (71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).
- (72) **MEWSHAW, Richard, Eric**; 251 West DeKalb Pike, Apartment B509, King of Prussia, PA 19406 (US). **ZHOU, Ping**; 28 Marion Drive, Plainsboro, NJ 08536 (US). **ZHOU, Dahui**; 27 Christian Drive, East Brunswick, NJ 08816 (US).
- (74) **MAZZARESE, Joseph, M.**; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US) et al. / etc.
- (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 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 TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 401/00**
- (11) **WO 02/40466** (13) A2
- (21) PCT/US01/51096
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) en (26) en
- (30) 60/244,117 **27 Oct/oct 2000 US (27.10.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL AMIDOALKYL-PIPERIDINE AND AMIDOALKYL-PIPERAZINE DERIVATIVES USEFUL FOR THE TREATMENT OF NERVOUS SYSTEM DISORDERS
- DERIVES D'AMIDOALKYL-PIPERIDINE ET D'AMIDOALKYL-PIPERAZINE UTILISES DANS LE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX
- (71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; U.S. Route #202, Raritan, NJ 08869-0602 (US).
- (72) **KORDIK, Cheryl, P.**; 102 Summer Ridge Drive, Lansdale, PA 19446 (US). **REITZ, Allen, B.**; 109 Greenbriar Road, Lansdale, PA 19466 (US). **COATS, Steven, J.**; 129 Brayton

Court, Quakertown, PA 18951 (US). **LUO, Chi**; 513 Windmere Way, New Hope, PA 18938 (US). **PAN, Kevin**; 409 Greene Lane, Phoenixville, PA 19460 (US). **PARKER, Michael, H.**; 3587 Gray Fox Drive, Chalfont, PA 18914 (US).

- (74) **JOHNSON, Philip, S** et al. / etc.; 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 401/04, A61K 31/4184, A61P 9/10**
- (11) **WO 02/40467** (13) A1
- (21) PCT/EP01/13320
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 0028105.5 **17 Nov/nov 2000 GB (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOUNDS
- COMPOSES
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GASTER, Laramie, Mary** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **HARLING, John, David** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) **BLAKEY, Alison, Jane**; GlaxoSmithKline, Corporate Intellectual Property (CN9.25.1), 980 Great West Road, Brentford, Middlesex TW8 9GS (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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 401/04, A61K 31/4439**
- (11) **WO 02/40468** (13) A1
- (21) PCT/US01/43994
- (22) **14 Nov/nov 2001 (14.11.2001)**

- (25) en (26) en
 (30) 60/249,199 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● COMPOUNDS
 ● COMPOSES
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; UW2220, 709 Swedeland Road, King of Prussia, PA 19406 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BENDER, Paul, E.** [US/US]; 504 Lilac Lane, Cherry Hill, NJ 08003 (US).
BURGESS, Joelle, L. [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US).
CALLAHAN, James, F. [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US).
- (74) **STEIN-FERNANDEZ, Nora;** UW2220, 709 Swedeland Road, King of Prussia, PA 19406 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, A61K 31/4402, A61P 15/00, C07D 405/14, 413/14, 409/14, 401/14, 417/14**
- (11) **WO 02/40469** (13) A1
- (21) PCT/EP01/14401
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 0028104.8 **17 Nov/nov 2000** GB
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● BOMBESIN RECEPTOR ANTAGONISTS
 ● ANTAGONISTES DU RECEPTEUR DE LA BOMBESINE
- (71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIGGINBOTTOM, Michael** [GB/GB]; 120 Balland Field, Cambridge, Cambridgeshire CB4 5JU (GB).
PRITCHARD, Martin, Clive [GB/GB]; 9 Bury Close, St Ives, Huntingdon, Cambridgeshire PE27 6WB (GB).
STOCK, Herman, Thijs [GB/GB]; 1 Chelwood Road, Cambridge, Cambridgeshire CB1 9LX (GB).
- (74) **HIRSCH, Denise** et al. / etc.; Warner-Lambert Company, Pfizer Global Research & Development, 3-9 rue de la Loge, B.P. 100, F-94265 Fresnes (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 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 TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C07D 403/06, 233/54, A61K 31/4178, 31/502, A61P 43/00, 35/00, 13/08, 15/00**

- (11) **WO 02/40470** (13) A1
- (21) PCT/JP01/10079
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) ja (26) ja
- (30) 2000-353634 **20 Nov/nov 2000** JP
(20.11.2000)
- (30) 2000-382056 **15 Dec/déc 2000** JP
(15.12.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● IMIDAZOLE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND THEIR USE
 ● DERIVES DE L'IMIDAZOLE, LEUR PROCÉDE DE PREPARATION ET LEUR APPLICATION
- (71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 540-8645 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TASAKA, Akihiro** [JP/JP]; 9-20-102, Yamadahigashi 2-chome, Suita-shi, Osaka 565-0821 (JP).
MATSUNAGA, Nobuyuki [JP/JP]; Ruminesu Hannan 502, 33-1, Hannan-cho 3-chome, Abeno-ku, Osaka-shi, Osaka 545-0021 (JP).
OJIDA, Akio [JP/JP]; 36-25, Hakozaki 2-chome, Higashi-ku, Fukuoka-shi, Fukuoka 812-0053 (JP).
KUSAKA, Masami [JP/JP]; 4-102-301, Gakuenhigashimachi 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2102 (JP).
- (74) **TAKASHIMA, Hajime;** Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C07D 403/12, 401/14, 405/14, 409/14, 443/14, 413/12, 405/12, 405/12, 417/12, 403/14, 403/14, 435/04, 223/16, 403/04, A61K 31/55, A61P 25/18**

- (11) **WO 02/40471** (13) A2
- (21) PCT/EP01/13140
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 0027784.8 **14 Nov/nov 2000** GB
(14.11.2000)
- (30) 0031082.1 **20 Dec/déc 2000** GB
(20.12.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● TETRAHYDROBENZAZEPINE DERIVATIVES USEFUL AS MODULATORS OF DOPAMINE D3 RECEPTORS (ANTIPSYCHOTIC AGENTS)
 ● DERIVES DE TETRAHYDROBENZAZEPINE UTILES EN TANT QUE MODULATEURS DES RECEPTEURS D3 DE LA DOPAMINE (AGENTS ANTI-PSYCHOTIQUES)
- (71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HADLEY, Michael, Stewart** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
LIGHTFOOT, Andrew, P. [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
MACDONALD, Gregor, James [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
STEMP, Geoffrey [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) **THOMPSON, Clive, Beresford;** GlaxoSmithKline, Corporate Intellectual Property (CN9.25.1), 980 Great West Road, Brentford, Middlesex TW8 9GS (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **C07D 405/12, 405/06, A61K 31/41, A61P 31/10**
- (11) **WO 02/40472** (13) A1
- (21) PCT/JP01/09963
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ja (26) ja
- (30) 2000-350064 **16 Nov/nov 2000** JP
(16.11.2000)

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CARBAMOYL-BEARING TRIAZOLE FUNGICIDES
• FONGICIDES À BASE DE CARBAMOYL-TRIAZOLES
- (71) SANKYO COMPANY, LIMITED [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWABUCHI, Haruo [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). WATANABE, Terumi [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). MORI, Makoto [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). KONOSU, Toshiyuki [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). UCHIDA, Takuya [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).
- (74) OHNO, Akio et al. / etc.; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).
- (81) AU BR CA CN CO CZ HU ID IL IN KR MX NO NZ PH PL RU SG SK US VN ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ C07D 409/06, 405/06, 417/06, 403/06, 239/38, 495/04, 401/06, 239/26, 239/34, 239/30, 409/14, 411/14, A01N 43/54, 43/78, 43/90, 47/16, 55/00
- (11) WO 02/40473 (13) A1
(21) PCT/JP01/10060
(22) 16 Nov/nov 2001 (16.11.2001)
(25) ja (26) ja
(30) 2000-351765 17 Nov/nov 2000 JP (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PYRIMIDINE COMPOUNDS OR SALTS THEREOF, HERBICIDES CONTAINING THE COMPOUNDS OR THE SALTS, METHODS FOR CONTROL OF WEEDS BY APPLYING THE SAME
• COMPOSES DE PYRIMIDINE OU LEURS SELS, HERBICIDES CONTENANT CES COMPOSES OU CES SELS, LEUR PROCÉDE D'UTILISATION DANS L'ÉLIMINATION DES MAUVAISES HERBES
- (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) KOYANAGI, Toru [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). KIKUGAWA, Hiroshi [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP).
- NAKAYAMA, Hitoshi [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). MIYASHITA, Seiko [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). NAGAYAMA, Souichiro [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). SANO, Makiko [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). OHNO, Ken [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 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 TR TT TZ UA UG US VZ 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 409/14, 401/06, 401/14, 417/14, A61K 31/47, A61P 31/04
- (11) WO 02/40474 (13) A2
(21) PCT/FR01/03559
(22) 14 Nov/nov 2001 (14.11.2001)
(25) fr (26) fr
(30) 00/14738 15 Nov/nov 2000 FR (15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • HETEROCYCLYLALKYL PIPERIDINE DERIVATIVES, THEIR PREPARATION AND COMPOSITIONS CONTAINING SAME
• DERIVES HETEROCYCLYLALCOYL PIPERIDINE, LEUR PRÉPARATION ET LES COMPOSITIONS QUI LES CONTIENNENT
- (71) AVENTIS PHARMA S.A. [FR/FR]; 20 avenue Raymond Aron, F-92160 ANTONY (FR).
- (72) BACQUÉ, Eric; 123 allée de la Clairière, F-91190 GIF SUR YVETTE (FR). CARRY, Jean-Christophe; 41 rue du Dauphiné, F-94100 SAINT MAUR DES FOSSES (FR). EL-AHMAD, Youssef; 11 avenue de Verdun, F-94000 CRETEIL (FR). EVERS, Michel; 8 rue Robert Schumann, F-94510 LA QUEUE EN BRIE (FR). HUBERT, Philippe; 22 rue Georges Gaume, F-94700 MAISONS-ALFORT (FR). MALLERON, Jean-Luc; 2 allée Renoir, F-91460 MARCOUSSIS (FR). MIGNANI, Serge; 14 avenue de Robinson, F-92290 CHATENAY-MALABRY (FR). PANTEL, Guy; 12 rue Jean-Baptiste Clément, F-94510 LA QUEUE EN BRIE (FR). TABART, Michel; 3 rue Paul Langevin, F-91290 LA NORVILLE (FR). VIVIANI, Fabrice; 46 rue Jules Fossier, F-95380 LOUVRES (FR).
- (74) LOBJOIS, Françoise; AVENTIS PHARMA S.A., Direction Brevets, 20 avenue Raymond Aron, F-92165 ANTONY 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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US VZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 413/14, A61K 31/395, C07D 401/12, 417/14, 401/14, 213/40, 405/14, A61K 31/422, A61P 15/00
- (11) WO 02/40475 (13) A1
(21) PCT/EP01/14402
(22) 16 Nov/nov 2001 (16.11.2001)
(25) en (26) en
(30) 0028146.9 17 Nov/nov 2000 GB (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • BOMBESIN RECEPTOR ANTAGONISTS
• ANTAGONISTES DES RECEPTEURS DE LA BOMBESINE
- (71) WARNER-LAMBERT COMPANY [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIGGINBOTTOM, Michael [GB/GB]; 120 Balland Field, Cambridge, Cambridgeshire CB4 5JU (GB). PRITCHARD, Martyn, Clive [GB/GB]; The Maples, 9 Bury Close, St Ives, Huntingdon, Cambridgeshire PE27 6WB (GB). STOCK, Herman, Thijs [GB/GB]; 1 Chelwood Road, Cambridge, Cambridgeshire CB1 9LX (GB).
- (74) HIRSCH, Denise et al. / etc.; Warner-Lambert Company, c/o Parke-Davis, Pfizer Global Research & Development, Fresnes Laboratories, 3-9 rue de la Loge, B.P. 100, F-94265 Fresnes (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW ZY.
- 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 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 TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 C07D 417/14, 401/14, 405/14, 401/04, A61K 31/44, A61P 29/00

(11) WO 02/40476 (13) A1

(21) PCT/GB01/05036

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 0027987.7 16 Nov/nov 2000 GB (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PYRIDYL-SUBSTITUTED TRIAZOLES AS TGF INHIBITORS

• TRIAZOLES SUBSTITUES PAR PYRIDYLE UTILISES EN TANT QU'INHIBITEURS DU TGF

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19103 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GASTER, Laramie, Mary [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). HARLING, John, David [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). HEER, Jag, Paul [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). HEIGHTMAN, Thomas, Daniel [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). PAYNE, Andrew, Hele [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) BLAKEY, Alison, Jane; GlaxoSmithKline, Corporate Intellectual Property (CN9.25.1), 980 Great West Road, Brentford, Middlesex TW8 9GS (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 471/00

(11) WO 02/40477 (13) A2

(21) PCT/US01/47399

(22) 5 Nov/nov 2001 (05.11.2001)

(25) en (26) en

(30) 60/245,888 3 Nov/nov 2000 US (03.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SAFRAMYCINS, ANALOGUES AND USES THEREOF

• SAFRAMYCINES, ANALOGUES ET LEURS APPLICATIONS

(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MYERS, Andrew [US/US]; 41 Brad-dock Park #2, Boston, MA 02116 (US). PLOWRIGHT, Alleyn, T. [GB/US]; 27 Lee Street, Apt. 6, Cambridge, MA 02138 (US). KUNG, Daniel, W. [US/US]; 289 Laurelwood Drive, Salem, CT 06420 (US). LANMAN, Brian [US/US]; 287 Harvard Street, Apt. 54, Cambridge, MA 02139 (US). BARBAY, Joseph [US/US]; 33 Concord Avenue, Apt. 1, Cambridge, MA 02138 (US). XING, Chengguo [CN/US]; 52 Bay Avenue, Apt. 3, Somerville, MA 02144 (US).

(74) SHAIR, Karoline, K., M.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ C07D 471/04, 401/04, 498/04, C07K 5/06, 5/10, A61K 31/4375, 31/4709, 31/5383, 38/05, 38/06, 31/04

(11) WO 02/40478 (13) A1

(21) PCT/JP01/10086

(22) 19 Nov/nov 2001 (19.11.2001)

(25) ja (26) ja

(30) 2000-352269 20 Nov/nov 2000 JP (20.11.2000)

(30) 2001-248822 20 Aug/août 2001 JP (20.08.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEHALOGENO COMPOUNDS

• COMPOSES DIHALOGENES

(71) DAIICHI PHARMACEUTICAL CO., LTD. [JP/JP]; 14-10, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAHASHI, Hisashi [JP/JP]; c/o DAIICHI PHARMACEUTICAL CO., LTD., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). MIYAUCHI, Rie [JP/JP]; c/o DAIICHI PHARMACEUTICAL CO., LTD., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). ITOH, Masao [JP/JP]; c/o DAIICHI PHARMACEUTICAL CO., LTD., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). TAKEMURA, Makoto [JP/JP]; c/o DAIICHI PHARMACEUTICAL CO., LTD.,

Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). HAYAKAWA, Isao [JP/JP]; c/o DAIICHI PHARMACEUTICAL CO., LTD., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 471/06, A61K 31/4375, A61P 31/04, 1/04

(11) WO 02/40479 (13) A1

(21) PCT/JP01/09929

(22) 13 Nov/nov 2001 (13.11.2001)

(25) ja (26) ja

(30) 2000-347348 14 Nov/nov 2000 JP (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ANTI-HELICOBACTERIAL AGENTS

• AGENTS DE TRAITEMENT DES INFECTIONS A HELICOBACTER

(71) SHIONOGI & CO., LTD. [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGIMORI, Güichi [JP/JP]; c/o SHIONOGI & CO., LTD., 1405, Oaza Gotanda, Koka-cho, Koka-gun, Shiga 520-3423 (JP). OHTSUKA, Toshikazu [JP/JP]; c/o SHIONOGI & CO., LTD., 1405, Oaza Gotanda, Koka-cho, Koka-gun, Shiga 520-3423 (JP). MASUI, Moriyasu [JP/JP]; c/o SHIONOGI & CO., LTD., 1405, Oaza Gotanda, Koka-cho, Koka-gun, Shiga 520-3423 (JP).

(74) YAMAMOTO, Shusaku; 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ C07D 471/06, 471/16, A61K 31/519, 31/551, A61P 25/00 // (C07D 471/06, 239:00, 221:00) (C07D 471/16, 239:00,

- 221:00, 221:00** (C07D 471/16, 243:00, 221:00, 221:00)
- (11) **WO 02/40480** (13) A2
(21) PCT/US01/47919
(22) **2 Nov/nov 2001 (02.11.2001)**
(25) en (26) en
(30) 60/245,821 **3 Nov/nov 2000** US
(03.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • CRF RECEPTOR ANTAGONISTS AND METHODS RELATING THERETO
• ANTAGONISTES DU RECEPTEUR CRF ET METHODES LIEES A CES DERNIERS
- (71) **NEUROCRINE BIOSCIENCES, INC.** [US/US]; 10555 Science Center Drive, San Diego, CA 92121-1102 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HADDACH, Mustapha** [MA/US]; 3545 Arnold Avenue, San Diego, CA 92104 (US). **LANIER, Marion, C.** [FR/US]; 5821 Amaro Drive, San Diego, CA 92124 (US). **HUANG, Charles, Q.** [CN/US]; 12341 Goldfish Court, San Diego, CA 92129 (US). **MCCARTHY, James, R.** [US/US]; 4037 Oakleaf Drive, Zionsville, IN 46077 (US).
- (74) **HERMANN, Karl, R.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 473/00**
- (11) **WO 02/40481** (13) A2
(21) PCT/US01/43294
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 60/249,465 **20 Nov/nov 2000** US
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • ADENINE BASED INHIBITORS OF ADENYL CYCLASE, PHARMACEUTICAL COMPOSITIONS AND METHOD OF USE THEREOF
• INHIBITEURS D'ADENYLYLE CYCLASE A BASE D'ADENINE, COMPOSITIONS PHARMACEUTIQUES ET PROCEDE D'UTILISATION
- (71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEVY, Daniel, E.** [US/US]; 2035 Carmelita Drive, San Carlos, CA 94070 (US). **MARLOWE, Charles** [US/US]; 636 California Way, Redwood City, CA 94080 (US). **KANE-MAGUIRE, Kim** [US/US]; 3425 Lodge Drive, Belmont, CA 94002 (US). **SCARBOROUGH, Robert, M.** [US/US]; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US).
- (74) **PILI EKSTROM, Carmen**; Cor Therapeutics, Inc., 256 E. Grand Avenue, South San Francisco, CA 94080 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 477/06, 477/20, 495/08, A61K 31/407, A61P 31/04 // (C07D 495/08, 207:04, 335:02)**
- (11) **WO 02/40482** (13) A1
(21) PCT/JP01/10096
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) ja (26) ja
(30) 2000-352178 **20 Nov/nov 2000** JP
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESS FOR PRODUCING CARBAPENEM-TYPE ANTIBACTERIAL
• PROCEDE DE PRODUCTION D'UN ANTIBACTERIEN DE TYPE CARBAPENEM
- (71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJIMOTO, Katsuhiko** [JP/JP]; c/o SANKYO COMPANY, LIMITED, 12-1, Shinomiya 1-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). **KASAI, Takashi** [JP/JP]; c/o SANKYO COMPANY, LIMITED, 12-1, Shinomiya 1-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).
- (74) **OHNO, Akio** et al. / etc.; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).
- (81) AU BR CA CN CO CZ HU ID IL IN KR MX NO NZ PH PL RU SG SK US VN ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07D 477/20, A61K 31/407, A61P 31/04**
- (11) **WO 02/40483** (13) A1
(21) PCT/JP01/09960
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) ja (26) ja
- (30) 2000-350063 **16 Nov/nov 2000** JP
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • 1-METHYLCARBAPENEM DERIVATIVES
• DÉRIVÉS 1-MÉTHYLCARBAPENEM
- (71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOBAYASHI, Yoshiyuki** [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **SHINOZUKA, Tsuyoshi** [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **KANNO, Osamu** [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).
- (74) **OHNO, Akio** et al. / etc.; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).
- (81) AU BR CA CN CO CZ HU ID IL IN KR MX NO NZ PH PL RU SG SK US VN ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07D 487/04, 471/04, A61K 31/4188, 31/437, A61P 35/00, C07D 233/54 // (C07D 487/04, 235:00, 209:00) (C07D 471/04, 235:00, 221:00)**
- (11) **WO 02/40484** (13) A2
(21) PCT/JP01/10002
(22) **16 Nov/nov 2001 (16.11.2001)**
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(30) 2000-351780 **17 Nov/nov 2000** JP
(17.11.2000)
(30) 2001-247618 **17 Aug/août 2001** JP
(17.08.2001)
(30) 2001-336880 **1 Nov/nov 2001** JP
(01.11.2001)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL IMIDAZOLE DERIVATIVES, PRODUCTION METHOD THEREOF AND USE THEREOF
• NOUVEAUX DERIVES IMIDAZOLE, PROCEDE DE PRODUCTION CORRESPONDANT ET UTILISATION DE CES DERIVES
- (71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TASAKA, Akihiro** [JP/JP]; 9-20-102, Yamadahigashi 2-chome, Suita-shi, Osaka 565-0821 (JP). **HITAKA, Takenori** [JP/JP]; 1-22-302, Nakayamasatsukidai 6-chome, Takarazuka-shi, Hyogo 665-0871 (JP). **MATSUNAGA, Nobuyuki** [JP/JP]; 33-1, Hannan-cho 3-chome, Abeno-ku, Osaka-shi, Osaka 545-0021 (JP). **KUSAKA, Masami** [JP/JP]; 4-102-301, Gakuenhigashimachi 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2102 (JP). **ADACHI, Mari** [JP/JP]; 2-3, Mihogaoka 4-chome, Nishi-ku, Kobe-shi, Hyogo 651-2216 (JP). **AOKI, Isao** [JP/JP];

- 17-1, Daiwahigashi 3-chome, Kawanishi-shi, Hyogo 666-0111 (JP). **OJIDA, Akio** [JP/JP]; 36-25, Hakozaki 2-chome, Higashi-ku, Fukuoka-shi, Fukuoka 812-0053 (JP).
- (74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 487/04, A61K 31/53, A61P 29/00 // (C07D 487/04, 253:00, 209:00) (C07D 519/00, 487:00, 487:00) (C07D 519/00, 487:00, 471:00)**
- (11) **WO 02/40486** (13) A2
- (21) PCT/US01/49982
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) en (26) en
- (30) 60/249,877 **17 Nov/nov 2000 US (17.11.2000)**
- (30) 60/310,561 **7 Aug/août 2001 US (07.08.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS OF TREATING p38 KINASE-ASSOCIATED CONDITIONS AND PYRROLOTRIAZINE COMPOUNDS USEFUL AS KINASE INHIBITORS
- METHODES DE TRAITEMENT DES PATHOLOGIES LIEES A LA KINASE P38 ET COMPOSES DE PYRROLOTRIAZINE UTILISES EN TANT QU'INHIBITEURS DE LA KINASE
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEFOTHERIS, Katerina** [US/US]; 92 Richmond Drive, Skillman, NJ 08558 (US). **BARRISH, Joel** [US/US]; 38 Dorchester Lane, Richboro, PA 18954 (US). **HYNES, John** [US/US]; 95 Dispatch Drive, Washington Crossing, PA 18977 (US). **WROBLESKI, Stephen, T.** [US/US]; 1507 South Branch Drive, Whitehouse Station, NJ 08889 (US).
- (74) **WINSLOW, Anastasia** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 487/22, A61K 31/403**
- (11) **WO 02/40488** (13) A1
- (21) PCT/KR01/01016
- (22) **13 Jun/juin 2001 (13.06.2001)**
- (25) en (26) en
- (30) 2000/68864 **20 Nov/nov 2000 KR (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL PHOTOSENSITIZERS OF 9-HYDROXYPHEOPHORBIIDE-A DERIVATIVES USED FOR PHOTOCYCLIC THERAPY
- NOUVEAUX AGENTS PHOTOSENSIBILISANTS A BASE DE DERIVES DE 9-HYDROXYPHEOPHORBIIDE-A, UTILISES EN THERAPIE PHOTODYNAMIQUE
- (71) **KOREA KUMHO PETROCHEMICAL CO., LTD.** [KR/KR]; Kumho Building, #57, Simmunno 1-Ga, Jongro-Gu, Seoul 110-061 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHO, Jeong, Woo** [KR/KR]; 106-804 Chumdan Kumho Town, Wolge-dong, Kwangsan-ku, Kwangju 506-302 (KR). **SHIN, Eun, Ah** [KR/KR]; 411-8, Namoe-dong, Chung-ku, Ulsan 681-270 (KR). **CHUNG, Chang, Ho** [KR/KR]; 100-1003 Hyundai APT, Hwajung-dong, Seo-ku, Kwangju 502-240 (KR). **JOO, Young, Je** [KR/KR]; 102-701 Daelim Doore APT, 152, Shinsung-dong, Yusung-ku, Taejeon 305-345 (KR). **NA, Kyong, Joo** [KR/KR]; 101-1106 Daelim Doore APT, 152 Shinsung-dong, Yusung-ku, Taejeon 305-345
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- 17-1, Daiwahigashi 3-chome, Kawanishi-shi, Hyogo 666-0111 (JP). **OJIDA, Akio** [JP/JP]; 36-25, Hakozaki 2-chome, Higashi-ku, Fukuoka-shi, Fukuoka 812-0053 (JP).
- (74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 487/04, A61K 31/519, 31/53, A61P 3/10, 3/06, 9/00, 27/02, 13/12, 9/10, 3/04**
- (11) **WO 02/40485** (13) A1
- (21) PCT/JP01/10061
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351764 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PREVENTIVE OR THERAPEUTIC MEDICINES FOR DIABETES CONTAINING FUSED-HETEROCYCLE COMPOUNDS OR THEIR SALTS
- MEDICAMENTS PREVENTIFS OU THERAPEUTIQUES CONTRE LE DIABETE, CONTENANT DES COMPOSES A HETEROCYCLE FUSIONNE OU LEURS SELS
- (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) **KATO, Fuminori** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **KIMURA, Hirohiko** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **YAMAMOTO, Kazuhiro** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **MIYAMOTO, Ryuji** [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 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 NO NZ PH PL PT RO RU SD
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- (51)⁷ **C07D 487/14, A61K 31/55, A61P 25/00 // (C07D 487/14, 243:00, 235:00, 235:00)**
- (11) **WO 02/40487** (13) A2
- (21) PCT/EP01/12887
- (22) **8 Nov/nov 2001 (08.11.2001)**

- (KR). **SONG, Pill, Soon** [KR/KR]; 102-906 Shindonga APT, Wolge-dong, Kwangsan-ku, Kwangju 506-302 (KR). **CHUNG, Phil, Sang** [KR/KR]; 105-1301 Donga Byuk-san APT, Yongam Maeul, Ssangyong-dong, Chunan-shi, Chungcheongnam-do 330-090 (KR). **HA, Mahn, Joon** [KR/KR]; 422-1201 Kunyoung APT, Chungmyung Maeul, Youngtong-dong, Paldal-ku, Suwon-shi, Kyunggi-do 442-470 (KR).
- (74) **KIM, Dong, Wan**; 649-14, Yeoksam-dong, Kangnam-ku, 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 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 493/06**
- (11) **WO 02/40489** (13) A1
- (21) PCT/KR01/01972
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 2000/69004 **20 Nov/nov 2000 KR (20.11.2000)**
- (30) 2001/40806 **9 Jul/juil 2001 KR (09.07.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL 4'-DEMETHYL-4'-O-SUBSTITUTED-1-DEOXYPODOPHYLLOTOXIN DERIVATIVE AND GEOMETRIC ISOMER THEREOF, PROCESS FOR THE PREPARATION THEREOF AND ANTI-CANCER COMPOSITION COMPRISING THE SAME
- NOUVEAU DERIVE DE 4'-DEME-THYL-4'-O-SUBSTITUE-1-DEOXYPODOPHYLLOTOXINE, ISOMERE GEOMETRIQUE DE CELUI-CI, PROCEDE DE PREPARATION DE CELUI-CI, ET COMPOSITION ANTI-CANCEREUSE COMPRENANT LEDIT DERIVE
- (71, 72) **KIM, Song-Bae** [KR/KR]; 533-2, Bong-gok-ri, Banpo-myun, Gongju-shi, 314-920 Choongchungnam-do (KR).
- (72, 75) **AHN, Byung-Zun** [KR/KR]; Durae Apt. #106-701, 152-1, Shinsung-dong, Yousung-gu, 305-720 Daejeon (KR). **KIM, Yong** [KR/KR]; #1-5, 12-4, Seon-wha-dong, Joong-gu, 301-822 Daejeon (KR). **YOU, Young-Jae** [KR/KR]; 151, Dae-seon-ri, Nam-myun, Buyeo-gun, 323-851 Choongchungnam-do (KR).
- (74) **CHOL, Kyu-Pal**; 824-11, Yeoksam-dong, Kangnam-ku, 135-080 Seoul (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07F 7/08**
- (11) **WO 02/40490** (13) A1
- (21) PCT/DE00/04110
- (22) **15 Nov/nov 2000 (15.11.2000)**
- (25) de (26) de
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SUBSTITUTED DISILOXANES, METHOD FOR THE PRODUCTION THEREOF AND THE USE THEREOF FOR REVERSAL OF MULTIDRUG RESISTANCE (MDR)
- DISILOXANES SUBSTITUES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION POUR INVERSER LA RESISTANCE PLEIOTROPE
- (71, 72) **VARGA, Andras** [DE/DE]; Pappelallee 27, 10437 Berlin (DE).
- (72, 75) **HEGYES, Péter** [HU/HU]; Pillich Kálman u. 7/B, H-6726 Szeged (HU). **MOL-NÁR, József** [HU/HU]; Rigó u. 2, H-6724 Szeged (HU). **MUCSI, Ilona** [HU/HU]; Hargitai u. 57/B, H-6726 Szeged (HU). **HEVÉR, Anikó** [HU/HU]; Indóházter 1, H-6720 Szeged (HU). **SZABÓ, Diana** [HU/HU]; Kossuth u. 42, H-4024 Debrecen (HU). **KIESSIG, Stephan** [DE/DE]; Karl-Hermann-Zahn-Strasse 53/2, 69168 Wiesloch (DE). **LAGE, Hermann** [DE/DE]; Torfstrasse 19, 13353 Berlin (DE). **GAAL, Dezső** [HU/HU]; Romer-Floris u. 12-14, H-1024 Budapest (HU). **NACSA, János** [HU/HU]; Aranz J. u. 9, H-6720 Szeged (HU).
- (74) **WEHLAN, Helmut**; Paul-Gesche-Strasse 1, 10315 Berlin (DE).
- (81) HU JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07F 9/06, 9/141, 9/50, 9/535, 9/655**
- (11) **WO 02/40491** (13) A1
- (21) PCT/US01/43779
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,537 **17 Nov/nov 2000 US (17.11.2000)**
- (30) 60/301,221 **27 Jun/juin 2001 US (27.06.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ORTHO SUBSTITUTED CHIRAL PHOSPHINES AND PHOSPHINITES AND THEIR USE IN ASYMMETRIC CATALYTIC REACTIONS
- PHOSPHINES ET PHOSPHINITES CHIRALES SUBSTITUEES EN ORTHO ET LEUR UTILISATION DANS DES REACTIONS CATALYTIQUES ASY-METRIQUES
- (71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802 (US).
- (72) **ZHANG, Xumu**; 276 Camelot Lane, State College, PA 16803 (US).
- (74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901-2682 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C07F 9/50, 15/00, B01J 31/24, C07B 53/00, C07F 9/655, C07C 43/23, 39/14, 309/65, C07D 317/64, C07M 7:00**
- (11) **WO 02/40492** (13) A1
- (21) PCT/FR01/03607
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) fr (26) fr
- (30) 00/14895 **17 Nov/nov 2000 FR (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CHIRAL DIPHOSPHINES AND THEIR METAL COMPLEXES
- DIPHOSPHINES CHIRALES ET LEURS COMPLEXES METALLIQUES
- (71) **PPG-SIPSY** [FR/FR]; Z.I. La Croix-Cadeau, BP 79, F-49242 Avrillé Cedex (FR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GENET, Jean-Pierre** [FR/FR]; 70, rue d'Estienne d'Orves, F-91370 Verrières-le-Buisson (FR). **MARINETTI, Angela** [FR/FR]; 14 avenue de Robinson, F-92290 Chatenay-Malabry (FR). **MICHAUD, Guillaume** [FR/FR]; 37, place Jeanne d'Arc, F-75013 Paris (FR). **BULLIARD, Michel** [FR/FR]; 87, rue Quinconce, F-49100 Angers (FR).
- (74) **BREESE, Pierre** et al. / etc.; Breese-Majerowicz, 3, avenue de l'Opéra, F-75001 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

(51)⁷ C07F 15/00, C07B 53/00, C07C 29/159

(11) WO 02/40493 (13) A1

(21) PCT/FR01/03649

(22) 20 Nov/nov 2001 (20.11.2001)

(25) fr (26) fr

(30) 00/14968 20 Nov/nov 2000 FR
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ASYMMETRIC METAL COMPLEXES BASED ON A TRANSITION METAL USEFUL FOR ENANTIOSELECTIVE REDUCTION OF KETONE DERIVATIVES BY HYDRIDE TRANSFER

- COMPLEXES METALLIQUES ASYMMETRIQUES A BASE D'UN METAL DE TRANSMISSION UTILES POUR LA REDUCTION ENANTIOSELECTIVE DE DERIVES CETONIQUES PAR TRANSFERT D'HYDRURE

(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) LE GUYADER, Frédéric [FR/FR]; 30, rue du Rhône, F-69007 Lyon (FR). MANFRE, Franco [FR/FR]; 68, chemin du Rafour, F-69130 Ecully (FR). BIENEWALD, Franck [FR/FR]; 63, rue de Hagenthal, F-68220 Hegenheim (FR).

(74) JACOBSON, Claude; 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 15/00, A61K 33/42, A61P 35/00

(11) WO 02/40494 (13) A1

(21) PCT/GB01/05047

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 0028025.5 17 Nov/nov 2000 GB
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • RUTHENIUM-ARYL-COMPOUNDS IN CANCER THERAPY

- COMPOSES RUTHENIUM-ARYLE POUR TRAITEMENT ANTICANCEREUX

(71) UNIVERSITY OF YORK [GB/GB]; Heslington Hall, York YO10 5DD (GB).

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

(72, 75) DYSON, Paul [GB/GB]; 18 Sails Drive, York YO10 3LR (GB).

(74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07H 5/00

(11) WO 02/40495 (13) A2

(21) PCT/US01/43491

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,782 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • IMPROVED SUCRALOSE COMPOSITION AND PROCESS FOR ITS PREPARATION

- COMPOSITION DE SUCRALOSE AMELIOREE ET SON PROCEDE DE PREPARATION

(71) MCNEIL-PPC, INC. [US/US]; Grandview Road, Skillman, NJ 08558 (US).

(72) EL KABBANI, Fiesal; 240 Millstone Circle, Athens, GA 30605 (US). CATANI, Steven, J.; 265 Red Oak Trail, Athens, GA 30606 (US). HEISS, Christian; 337 Timber Ridge Drive, Athens, GA 30607 (US). NAVIA, Juan; 216 Commons Way, Doylestown, PA 18901 (US). BROHMI, Amal; 350 E. Willow Grove, No. 605, Philadelphia, PA 19118 (US).

(74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08893 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07H 15/252, C07C 69/14 // C07M 7:00

(11) WO 02/40496 (13) A1

(21) PCT/EP01/13217

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) FI2000A000237 16 Nov/nov 2000 IT
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS FOR THE SYNTHESIS OF OPTICALLY ACTIVE ANTHRACYCLINES

- PROCEDE POUR LA SYNTHESE D'ANTHRACYCLINES ACTIVES DU POINT DE VUE OPTIQUE

(71) MENARINI RICERCHE S.P.A. [IT/IT]; Via Tito Speri, 10, I-00040 Pomezia (IT).

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

(72, 75) DI BUGNO, Cristina [IT/IT]; Menarini Ricerche S.p.A., Via Tito speri, 10, I-00040 Pomezia (IT). D'ARATA, Fabio [IT/IT]; Menarini Ricerche S.p.A., Via Tito Speri, 10, I-00040 Pomezia (IT). RAMACCIOTTI, Alessio [—/IT]; Menarini Ricerche S.p.A., Via Tito Speri, 10, I-00040 Pomezia (IT). CROTTI, Paolo [IT/IT]; Menarini Ricerche S.p.A., Via Tito Speri, 10, I-00040 Pomezia (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ C07H 19/04, 19/20, C12Q 1/34, 1/42, 1/48, 1/52, 1/54

(11) WO 02/40497 (13) A1

(21) PCT/US00/31449

(22) 14 Nov/nov 2000 (14.11.2000)

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • IN VITRO PROTEIN SYNTHESIS USING GLYCOLYTIC INTERMEDIATES AS AN ENERGY SOURCE

- SYNTHÈSE IN VITRO DE PROTEINES UTILISANT DES INTERMÉDIAIRES GLYCOLYTIQUES COMME SOURCE D'ÉNERGIE

(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; Suite 350, 900 Welch Road, Palo Alto, CA 94304 (US).

(72) SWARTZ, James; 1860 White Oak Drive, Menlo Park, CA 94080 (US). KIM, Dong-Myung; 1080 Tanland Drive, #102, Palo Alto, CA 94303 (US).

(74) SHERWOOD, Pamela, J.; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C07H 21/00

(11) WO 02/40498 (13) A2

(21) PCT/US01/44241

- (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) en (26) en
 (30) 60/248,328 **14 Nov/nov 2000 US (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • REDUCTION OF ANTIOXIDANT ENZYME LEVELS IN TUMOR CELLS USING ANTISENSE OLIGONUCLEOTIDES
 • REDUCTION DES NIVEAUX D'ENZYME ANTIOXYDANTE DANS LES CELLULES TUMORALES PAR LE BIAIS D'OLIGONUCLEOTIDES ANTI-SENS
- (71) **UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; 100 Oakdale Campus #214 TIC, Oakdale Research Campus, Iowa City, IA 52242-5000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OBERLEY, Larry, Wayne** [US/US]; 151 Friendship Street, Iowa City, IA 52245 (US). **WEYDERT, Christine, J.** [US/US]; 211 Teeters Court, Iowa City, IA 52246 (US). **SMITH, Benjamin, Barnes** [US/US]; 808 Benton Drive #34, Iowa City, IA 52246 (US).
- (74) **VIKSINNS, Ann, S.;** Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07H 21/04, C12N 15/00, 15/63, 15/85**
 (11) **WO 02/40499** (13) A1
 (21) PCT/US00/31135
 (22) **14 Nov/nov 2000 (14.11.2000)**
 (25) en (26) en
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • A METHOD FOR GENERATING GENETICALLY ALTERED ANTIGENS
 • METHODE PERMETTANT DE PRODUIRE DES ANTIGENES GENETIQUEMENT MODIFIES
- (71) **MORPHOTEK INC.** [US/US]; 3624 Market Street, Suite 516, Philadelphia, PA 19104 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NICOLAIDES, Nicholas, C.** [US/US]; 4 Cider Mill Court, Boothwyn, PA 19061 (US). **GRASSO, Luigi** [US/US]; 834 Chestnut Street, Apartment #816, Philadelphia, PA 19107 (US). **SASS, Philip, M.** [US/US]; 1903 Blackhawk Circle, Audubon, PA 19403 (US).
- (74) **CALDWELL, John, W.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
 (11) **WO 02/40500** (13) A2
 (21) PCT/EP01/13236
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) en (26) en
 (30) 00125053.9 **16 Nov/nov 2000 EP (16.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • METHOD OF PROGNOSIS AND DIAGNOSIS OF CONGESTIVE HEART FAILURE
 • METHODE DE PRONOSTIC ET DE DIAGNOSTIC DE L'INSUFFISANCE CARDIAQUE GLOBALE
- (71) **IMMUNDIAGNOSTIK AG** [DE/DE]; Wiesenstrasse 4, 64625 Bensheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARMBRUSTER, Franz, Paul** [DE/DE]; Immundiagnostik AG, Wiesenstrasse 4, 64625 Bensheim (DE). **GRÖN, Hans-Jürgen** [DE/DE]; Immundiagnostik AG, Wiesenstrasse 4, 64625 Bensheim (DE). **DSCHIETZIG, Thomas** [DE/DE]; Humboldt-Universität, Klinikum Charité, Kardiologisches Forschungslabor, Ziegelstr. 5-9, 10117 Berlin (DE). **STANGL, Karl** [DE/DE]; Humboldt-Universität, Klinikum Charité, Kardiologisches Forschungslabor, Ziegelstr. 5-9, 10117 Berlin (DE).
- (74) **BENEDUM, Ulrich, Max** et al. / etc.; Haseltine Lake Partners, Rosenheimer Str. 30, 81669 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
 (11) **WO 02/40501** (13) A2
 (21) PCT/US01/43451
 (22) **20 Nov/nov 2001 (20.11.2001)**
 (25) en (26) en
- (30) 60/252,233 **20 Nov/nov 2000 US (20.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • MEMBRANE SCAFFOLD PROTEINS
 • PROTEINES D'ECHAUFFAUSAGE MEMBRANAIRES
- (71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 352 Henry Administration Building, 506 S. Wright Street, Urbana, IL 61801 (US).
- (72) **SLIGAR, Stephen, G.;** 401 W. Michigan Avenue, Urbana, IL 61801 (US). **BAYBURT, Timothy, H.;** 805 W. Stoughton, Urbana, IL 61801 (US).
- (74) **FERBER, Donna, M.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., 5370 Manhattan Circle, Suite 201, Boulder, CO 80303 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
 (11) **WO 02/40502** (13) A2
 (21) PCT/US01/43518
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 60/249,302 **16 Nov/nov 2000 US (16.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • HAPLOTYPES OF THE LIPE GENE
 • HAPLOTYPES DU GENE DE LA LI-PASE HORMONO-SENSIBLE
- (71) **GENAISSANCE PHARMACEUTICALS, INC.** [US/US]; Five Science Park, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANASTASIO, Alison E.** [US/US]; 367 Alden Avenue #8B, New Haven, CT 06515 (US). **BENTIVEGNA, Steven C.** [US/US]; 49 Greenview Terrace, Middletown, CT 06457 (US). **CHEW, Anne** [US/US]; 1477 Beacon Street, #64, Brookline, MA 02446 (US). **KOSHY, Beena** [IN/US]; 1298 Hartford Turnpike, Apt. 11B, North Haven, CT 06473 (US). **ROUNDS, Eileen** [US/US]; 36 Patton Drive, Cheshire, CT 06410 (US).
- (74) **SHTIVELBAND, Inna** et al. / etc.; Genaisance Pharmaceuticals, Inc., Five Science Park, New Haven, CT 06511 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 02/40503 (13) A2

(21) PCT/US01/44001

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/249,703 17 Nov/nov 2000 US (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • HAPLOTYPES OF THE PLAU GENE
• HAPLOTYPES DU GÈNE PLAU

(71) GENAISSANCE PHARMACEUTICALS, INC. [US/US]; A Corporation of the State of Delaware, Five Science Park, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANASTASIO, Alison, E. [US/US]; 367 Alden Avenue #8B, New Haven, CT 06515 (US). BENTIVEGNA, Steven, C. [US/US]; 49 Greenview Terrace, Middletown, CT 06457 (US). KOSHY, Beena [IN/US]; 1298 Hartford Turnpike, Apt. 11B, North Haven, CT 06473 (US).

(74) FIELD, Gisela M. et al. / etc.; Genaiissance Pharmaceuticals, Inc., Five Science Park, New Haven, CT 06511 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 02/40504 (13) A2

(21) PCT/US01/44909

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/249,415 15 Nov/nov 2000 US (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SOL-FUSIN: USE OF GP64-6HIS TO CATALYZE MEMBRANE FUSION
• REFUSION : UTILISATION DE GP64-6HIS AFIN DE CATALYSER LA FUSION DE LA MEMBRANE

(63) US 60/249,415 (CON) 15 Nov/nov 2000 (15.11.2000)

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health,

Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).

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

(72, 75) KINGSLEY, David, H. [US/US]; 945 Ponderosa Drive, Magnolia, DE 1962 (US). ZIMMERBERG, Joshua [US/US]; 6913 Granby Street, Bethesda, MD 20817 (US).

(74) SPRATT, Gwendolyn, D. et al. / etc.; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., Suite 1200, Atlanta, GA 30303-1811 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K

(11) WO 02/40505 (13) A2

(21) PCT/US01/45499

(22) 19 Oct/oct 2001 (19.10.2001)

(25) en (26) en

(30) 60/242,829 24 Oct/oct 2000 US (24.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DIBENZOXAZEPINE ALPHA V INTEGRIN RECEPTOR ANTAGONIST
• ANTAGONISTE DU RECEPTEUR DE L'INTEGRINE DE LA DIBENZOXAZEPINE ALPHA V

(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) PATANE, Michael, A. [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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 5/00

(11) WO 02/40506 (13) A2

(21) PCT/US01/44030

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,540 17 Nov/nov 2000 US (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MODIFIED CLOSTRIDIAL NEUROTOXINS WITH ALTERED BIOLOGICAL PERSISTENCE

• NEUROTOXINES CLOSTRIDIALES MODIFIEES A PERSISTANCE BIOLOGIQUE ALTEREE

(71) ALLERGAN SALES, INC. [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEWARD, Lance, E. [US/US]; 9 Woodfern, Irvine, CA 92614 (US). SPANOY-ANNIS, Athena [US/US]; 10798 Churchill Place, Tustin, CA 92782 (US). LIN, Wei-Jen [US/US]; 16708 Moorbrook Avenue, Cerritos, CA 90703 (US). AOKI, Kei, Roger [US/US]; 2 Ginger Lily Court, Coto de Caza, CA 92679 (US).

(74) DONOVAN, Stephen et al. / etc.; Allergan Sales, Inc., 2525 Dupont Drive, Irvine, CA 92612 (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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 5/02

(11) WO 02/40507 (13) A2

(21) PCT/FR01/03616

(22) 16 Nov/nov 2001 (16.11.2001)

(25) fr (26) fr

(30) 00/14797 16 Nov/nov 2000 FR (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • NOVEL COMPOUNDS FOR USES IN RADIOIMMUNOSCINTIGRAPHY AND/OR RADIOIMMUNOTHERAPY OF CANCERS

• NOUVEAUX COMPOSES POUR DES APPLICATIONS A LA RADIOIMMUNOSCINTIGRAPHIE ET/OU A LA RADIOIMMUNOTHERAPIE DES CANCERS

(71) INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORANDEAU, Laurence [FR/FR]; 3, avenue la Calypso, F-44000 Nantes (FR). REMAUD, Patricia [FR/FR]; 35, rue Emile Zola, F-44400 Reze (FR). FAIVRE-CHAUVET, Alain [FR/FR]; 28, rue Emile Zola, F-44400 Reze (FR). GESTIN, Jean-François [FR/FR]; 43, rue la Mairie, F-44470 Mauves Sur Loire (FR).

(74) **DEMACHY, Charles** et al. / etc.; Grosset-Fournier & Demachy SARL, 20, rue de Maubeuge, F-75009 Paris (FR).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **C07K 5/062, A61K 38/05**

(11) **WO 02/40508** (13) A2

(21) PCT/US01/27796

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) en (26) en

(30) 60/249,655 **17 Nov/nov 2000** US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • LACTAM COMPOUND

• COMPOSE LACTAME

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

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

(72, 75) **KOENIG, Thomas, Mitchell** [US/US]; 10007 Wildwood Lane, Camby, IN 46113 (US). **MITCHELL, David** [US/US]; 8728 Santana Lane, Indianapolis, IN 46278 (US). **NISSEN, Jeffrey, Scott** [US/US]; 4348 Oil Creek Drive, Indianapolis, IN 46268 (US).

(74) **GONGOLA, Janet, A.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ

UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **C07K 5/10, 7/06, 7/08, 14/005, 16/08, G01N 33/53 // C12P 21/08**

(11) **WO 02/40509** (13) A1

(21) PCT/JP01/09980

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-348125 **15 Nov/nov 2000** JP
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ANTIBODY AGAINST NORWALK VIRUS AND METHOD OF DETECTING VIRUS BY USING THE ANTIBODY

• ANTICORPS DIRIGE CONTRE LE VIRUS NORWALK ET PROCEDE DE DETECTION DU VIRUS A L'AIDE DE L'ANTICORPS

(71) **BML, INC.** [JP/JP]; 21-3, Sendagaya 5-chome, Shibuya-ku, Tokyo 151-0051 (JP).

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

(72, 75) **KAGEYAMA, Tsutomu** [JP/JP]; c/o General Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **KOJIMA, Shigeyuki** [JP/JP]; c/o General Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **FUKUSHI, Shuetsu** [JP/JP]; c/o General Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **HOSHINO, Fuminori** [JP/JP]; c/o General Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **KATAYAMA, Kazuhiko** [JP/JP]; c/o Murayama Branch Office, National Institute of Infectious Diseases, 7-1, Gakuen 4-chome, Musashimurayama-shi, Tokyo 208-0011 (JP).

(74) **SHIMURA, Mitsuharu**; 9-3, Sakuragaoka-cho, Shibuya-ku, Tokyo 150-0031 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C07K 7/00**

(11) **WO 02/40510** (13) A2

(21) PCT/US01/45183

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) en (26) en

(30) 60/245,384 **2 Nov/nov 2000** US
(02.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MODIFIED PLASMINOGEN RELATED PEPTIDE FRAGMENTS AND THEIR USE AS ANGIOGENESIS INHIBITORS

• FRAGMENTS PEPTIDIQUES MODIFIES APPARENTES AU PLASMINOGENE ET UTILISATIONS DE CES DERNIERS EN TANT QU'INHIBITEURS DE L'ANGIOGENESE

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (US).

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

(72, 75) **JL, Weidong, Richard** [US/US]; 212 White Pine Circle, Lawrenceville, NJ 08648 (US). **NATARAJAN, Sessa, J.** [US/US]; 15 Matthew Drive, Hillsborough, NJ 08844 (US). **MEYERS, Chester, A.** [US/US]; 5 Fox Trail, Medford, NJ 08055 (US). **TRAIL, Pamela** [US/US]; 26 Silo Hill Road, Madison, CT 06443 (US).

(74) **BRISTOL-MYERS SQUIBB COMPANY** et al. / etc.; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C07K 14/00**

(11) **WO 02/40511** (13) A2

(21) PCT/EP01/12937

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) de (26) de

(30) 100 55 789.9 **10 Nov/nov 2000** DE
(10.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DNA SEQUENCE AND MICROCINE FROM ESCHERICHIA COLI STRAIN DSM 6601

• SEQUENCE D'ADN ET MICROCINE DE LA SOUCHE DSM 6601 D'ESCHERICHIA COLI

(71) **PHARMA-ZENTRALE GMBH** [DE/DE]; Loerfeldstrasse 20, 58313 Herdecke (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HACKER, Jörg** [DE/DE]; Edith-Stein-Strasse 6, 97218 Gerbrunn (DE). **BLUM-OEHLER, Gabriele** [DE/DE]; Goethestrasse 3, 97072 Würzburg (DE). **JUNG, Günther** [DE/DE]; Ob der Grafenhalde 5, 72076 Tübingen (DE). **HANTKE, Klaus** [DE/DE]; Beckmannweg 7/1, 72076 Tübingen (DE). **PATZER, Silke** [DE/DE]; Mörikestrasse 16, 71134 Aidlingen (DE). **MORENO, Felipe** [ES/ES]; C/ Marbella N° 16, 10B, E-28034 Madrid (ES). **BAQUERO, Fernando** [ES/ES]; C/ Ardemans N° 62, 30A, E-28028 Madrid (ES). **BAQUERO, Rosario** [ES/ES]; C/ La Baneza N° 43 Portal 2, 90A, E-28035 Madrid (ES). **BRAVO, Daniel** [ES/ES]; C/Madero

- N°. 11, 10A, E-28412 Cerceda (ES). **SON-NENBORN, Ulrich** [DE/DE]; Eichenweg 6, 44799 Bochum (DE). **SCHULZE, Jürgen** [DE/DE]; Alice-Bloch-Strasse 7, 14558 Bergholz-Rehbrücke (DE). **PROPPERT, Hans** [DE/DE]; Rosenstrasse 102, 58095 Hagen (DE).
- (74) **SIEWERS, Gescha**; Dres. Harmsen & Utescher PP., Alter Wall 55, 20457 Hamburg (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/00**
- (11) **WO 02/40512** (13) A2
- (21) PCT/EP01/13174
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) de (26) de
- (30) 100 56 365.1 **14 Nov/nov 2000 DE (14.11.2000)**
- (30) 101 16 220.0 **30 Mar/mar 2001 DE (30.03.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • HUMAN BETA-DEFENSIN-3
• BETA-DEFENSINE-3 HUMAINE
- (71) **IPF PHARMACEUTICALS GMBH** [DE/DE]; Feodor-Lynen-Strasse 31, 30625 Hannover (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FORSSMANN, Wolf-Georg** [DE/DE]; Blücherstrasse 5, 30175 Hannover (DE). **KLÜVER, Enno** [DE/DE]; Königsberger Ring 16, 30559 Hannover (DE). **CONEJO-GARCIA, Jose-Ramon** [ES/DE]; IPF Pharmaceuticals GmbH, Feodor-Lynen-Strasse 31, 30625 Hannover (DE). **ADERMANN, Knut** [DE/DE]; Schleidenstrasse 5, 30177 Hannover (DE). **BALS, Robert** [DE/DE]; IPF Pharmaceuticals GmbH, Feodor-Lynen-Strasse 31, 30625 Hannover (DE). **MÄGERT, Hans-Jürgen** [DE/DE]; Moltkeplatz 8, 30163 Hannover (DE).
- (74) **MEYERS, Hans-Wilhelm** et al. / etc.; Kreisler Selting Werner, Bahnhofsvorplatz 1, 50667 Köln (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/08, C12N 15/62, A61K 39/39**
- (11) **WO 02/40513** (13) A2
- (21) PCT/GB01/05142
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 0028319.2 **20 Nov/nov 2000 GB (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MATERIALS AND METHODS RELATING TO FUSION PROTEINS FOR INDUCING AN IMMUNE RESPONSE
• MATERIAUX ET PROCÉDES CONCERNANT LES PROTEINES DE FUSION SUSCITANT UNE REPONSE IMMUNITAIRE
- (71) **CANCER RESEARCH VENTURES LIMITED** [GB/GB]; 5 Alfred Place, London, Greater London WC1E 7EB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAVELYEVA, Natalia** [GB/GB]; Molecular Immunology Group, Tenovus Laboratory, Southampton University Hospital Trust, Tremona Road, Southampton SO16 6YD (GB). **STEVENSON, Freda** [GB/GB]; Molecular Immunology Group, Tenovus Laboratory, Southampton University Hospital Trust, Tremona Road, Southampton SO16 6YD (GB).
- (74) **CRIPPS, Joanna, E.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/195, C12N 15/31, A61K 39/02, 35/74, G01N 33/569, C12Q 1/68**
- (11) **WO 02/40515** (13) A2
- (21) PCT/CA01/01600
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,864 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL EXOENZYME TOXIN OF *AEROMONAS SALMONICIDA*, AND USES THEREFOR
• TOXINE EXOENZYME D'*AEROMONAS SALMONICIDA*, ET UTILISATIONS ASSOCIEES
- (71, 72) **FREY, Joachim** [CH/CH]; Schreinerweg 9, CH-3012 Bern (CH). **KUHNERT, Peter** [CH/CH]; Bahnhofstrasse 1, CH-3315 Baetterkinder (CH). **BRAUN, Martin** [CH/CH]; Ammannsmatt 69, CH-6300 Zug (CH). **THORNTON, Julian C.** [CA/CA]; 1219 Oscar Street, Victoria, British Columbia V8V 2X6 (CA). **KUZIK, Michael, A.** [CA/CA]; 1535 Jubilee Avenue #303, Victoria, British Columbia V8R 4N4 (CA). **BURIAN, Jan** [CA/CA]; 1732 Newton Street #80, Victoria, British Columbia V8R 2R2 (CA).
- (74) **ARRIGAR, Robert, H.**; Barrigar Intellectual Property Group, Suite 830, Oceanic Plaza, 1066 West Hastings Street, Vancouver British Columbia V6E 3X1 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/195, A61K 39/02, G01N 33/569, C12Q 1/68**
- (11) **WO 02/40514** (13) A2
- (21) PCT/CA01/01589
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,864 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL TYPE III SECRETION PATHWAY IN *AEROMONAS SALMONICIDA*, AND USES THEREFOR
• VOIE DE SECRETION DE TYPE III CHEZ <I>*AEROMONAS SALMONICIDA*, </I> ET UTILISATIONS CORRESPONDANTES
- (71, 72) **FREY, Joachim** [CH/CH]; Schreinerweg 9, CH-3012 Bern (CH). **STUBER, Katja** [CH/CH]; Kappelisackerstrasse 115, CH-3063 Ittigen (CH). **THORNTON,**

- (51)⁷ **C07K 14/195**
 (11) **WO 02/40516** (13) A2
 (21) PCT/DE01/04303
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) de (26) de
 (30) 100 56 486.0 **15 Nov/nov 2000 DE (15.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • **HELICOBACTER CYSTEINE RICH PROTEIN A (HCPA) AND USES THEREOF**
 • HCPA (*HELICOBACTER* CYSTEINE RICH PROTEIN A) ET SES UTILISATIONS
- (71, 72) **DEML, Ludwig** [DE/DE]; Schneitwegerstrasse 30, 93128 Regenstauf (DE). **SCHNEIDER, Wulf** [DE/DE]; Kurzer Weg 13, 93055 Regensburg (DE). **LEHN, Norbert** [DE/DE]; Oberndorferstasse 11, 93051 Regensburg (DE).
- (74) **BETTENHAUSEN, Berthold** et al. / etc.; Dehmel & Bettenhausen, Müllerstr. 1, 80469 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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/195**
 (11) **WO 02/40517** (13) A2
 (21) PCT/GB01/05066
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 0028122.0 **17 Nov/nov 2000 GB (17.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • **BIOLOGICAL MATERIALS AND ANTI-CANCER USES THEREOF**
 • MATERIAUX BIOLOGIQUES ET LEURS UTILISATIONS CONTRE LE CANCER
- (71) **ST. GEORGE'S ENTERPRISES LIMITED** [GB/GB]; Cranmer Terrace, Tooting, London SW17 0RE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COATES, Anthony, Robert, Milnes** [GB/GB]; Dept. of Medical Microbiology, St. George's Hospital Medical School, Cranmer Terrace, Tooting, London SW17 0RE (GB).
- (74) **THOMAS, Philip, J., D.**; 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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/26, A61K 39/385, A61P 31/00, 35/00**
 (11) **WO 02/40518** (13) A1
 (21) PCT/FR01/03596
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) fr (26) fr
 (30) 00/14909 **17 Nov/nov 2000 FR (17.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • **PERIPLASMIC DOMAIN OF AN ENTEROBACTERIUM OMP PROTEIN AND ITS USE AS CARRIER OR ADJUVANT**
 • DOMAINE PERIPLASMIQUE D'UNE PROTEINE OMP D'ENTEROBACTERIE ET SON UTILISATION COMME PORTEUR OU ADJUVANT
- (71) **PIERRE FABRE MEDICAMENT** [FR/FR]; 45, place Abel Gance, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOETSCH, Liliane** [FR/FR]; Route de Bonneville, F-74130 Aye (FR). **HAEUW, Jean-François** [FR/FR]; Les Jardins de l'Atrium, 8, avenue de Ternier, F-74160 Saint-Julien-en-Genevois (FR). **ROBERT, Alain** [FR/FR]; 12, rue de Romagny, F-74100 Annemasse (FR).
- (74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AU BR CA CN JP MX US ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07K 14/435, C12N 9/10, A61K 38/45**
 (11) **WO 02/40519** (13) A1
 (21) PCT/CN01/01042
 (22) **25 Jun/juin 2001 (25.06.2001)**
 (25) zh (26) zh
 (30) 00 1 16775.8 **26 Jun/juin 2000 CN (26.06.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • **A NOVEL POLYPEPTIDE, A HUMAN β-1,4 GALACTOSYL TRANSFERASE 13.2 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE**
 • NOUVEAU POLYPEPTIDE, β-1,4 GALACTOSIDE TRANSFERASE HUMAINE 13.2, ET POLYNUCLEOTIDE CODANT CE POLYPEPTIDE
- (71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road,
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) *for the following designation / pour la désignation suivante* : US
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- (51)⁷ **C07K 14/435, C12N 9/14, A61K 38/46**
 (11) **WO 02/40520** (13) A1
 (21) PCT/CN01/01048
 (22) **25 Jun/juin 2001 (25.06.2001)**
 (25) zh (26) zh
 (30) 00 1 16719.7 **26 Jun/juin 2000 CN (26.06.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
- (54) • **A NOVEL POLYPEPTIDE, A HUMAN STRIATUM ENRICHED PHOSPHATASE 14.85 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE**
 • NOUVEAU POLYPEPTIDE, PHOSPHATASE HUMAINE RICHE EN STRIATUM 14.85, ET POLYNUCLEOTIDE CODANT CE POLYPEPTIDE
- (71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road,

Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (u) for the following designation / pour la désignation suivante : US

(51)⁷ C07K 14/435, C12N 15/12, A61K 38/17

(11) WO 02/40521 (13) A1

(21) PCT/CN01/01086

(22) 29 Jun/juin 2001 (29.06.2001)

(25) zh (26) zh

(30) 00 1 16951.3 30 Jun/juin 2000 CN (30.06.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A NOVEL POLYPEPTIDE-HOMO DNA-DEPENDENT RNA POLYMERASE AC40 SUBUNIT INHIBITOR 9.68 AND POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, INHIBITEUR HUMAIN 9.68 DE LA SOUS-UNITE AC40 D'ARN-POLYMERASE ADN-DEPENDANTE, ET POLYNUCLEOTIDE CODANT CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12 th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Road,

Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (u) for the following designation / pour la désignation suivante : US

(51)⁷ C07K 14/435, C12N 15/12, A61K 38/17

(11) WO 02/40522 (13) A1

(21) PCT/CN01/01096

(22) 29 Jun/juin 2001 (29.06.2001)

(25) zh (26) zh

(30) 00 1 16905.X 30 Jun/juin 2000 CN (30.06.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A NOVEL POLYPEPTIDE-HOMO TRANSCRIPTION GROWTH REGULATORY FACTOR β ACTIVATION PROTEIN 14.08 AND POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE D'ACTIVATION 14.08 DU FACTEUR β DE REGULATION DE LA CROISSANCE ET DE TRANSCRIPTION, ET POLYNUCLEOTIDE CODANT CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road,

Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (u) for the following designation / pour la désignation suivante : US

(51)⁷ C07K 14/435, C12N 15/12, A61K 38/17

(11) WO 02/40523 (13) A1

(21) PCT/CN01/01098

(22) 29 Jun/juin 2001 (29.06.2001)

(25) zh (26) zh

(30) 00 1 16889.4 30 Jun/juin 2000 CN (30.06.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A NOVEL POLYPEPTIDE-HOMO GLUTARYL-CoA DEHYDROGENASE 15.51 AND POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, GLUTARYL-COA DESHYDROGENASE HUMAINE 15.51, ET POLYNUCLEOTIDE CODANT CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG)

(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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (u) for / pour US only / seulement

(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 02/40524** (13) A1

(21) PCT/CN01/01102

(22) **29 Jun/juin 2001 (29.06.2001)**

(25) zh (26) zh

(30) 00 1 16924.6 **30 Jun/juin 2000 (30.06.2000)** CN

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A NOVEL POLYPEPTIDE-HOMO aFGF CONJUGATED FACTOR 10.78 AND POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN 10.78 ASSOCIE AU FACTEUR DE CROISSANCE DES CELLULES EMBRYONNAIRES FIBREUSES DE TYPE ACIDE, ET POLYNUCLEOTIDE CODANT CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 02/40525** (13) A1

(21) PCT/CN01/01104

(22) **29 Jun/juin 2001 (29.06.2001)**

(25) zh (26) zh

(30) 00 1 16938.6 **30 Jun/juin 2000 (30.06.2000)** CN

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A NOVEL POLYPEPTIDE-HOMO ZINC FINGER PROTEIN 18.92 AND POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE A DOIGT DE ZINC 18.92, ET POLYNUCLEOTIDE CODANT CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 02/40526** (13) A1

(21) PCT/CN01/01372

(22) **10 Sep/sep 2001 (10.09.2001)**

(25) zh (26) zh

(30) 00125171.6 **12 Sep/sep 2000 (12.09.2000)** CN

(43) 23 May/mai 2002 (23.05.2002)

(54) ● A NOVEL POLYPEPTIDE-HOMO BRAIN SPECIFIC EXPRESSED PROTEIN 18.70 AND POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, PROTEINE 18.70 EXPRIMEE DE MANIERE SPECIFIQUE DANS LE CERVEAU CHEZ L'HOMME, ET POLYNUCLEOTIDE CODANT LEDIT POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 ES FI GB GD GE GH GM HR HU
ID 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 PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU
ZA ZW.

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 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 PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE
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 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 PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT
SE TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG); (u) for the following
designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ C07K 14/435, C12N 15/12, A61K 38/17

(11) WO 02/40527 (13) A1

(21) PCT/CN01/01398

(22) 14 Sep/sep 2001 (14.09.2001)

(25) zh (26) zh

(30) 00 1 24830.8 18 Sep/sep 2000 CN
(18.09.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • A NOVEL LAPEMIS HARDWICKI
PHOSPHATIDASE A₂ AND GENE EN-
CODING SAID POLYPEPTIDE

• NOUVELLE LAPEMIS HARDWICKI
PHOSPHATIDASE A₂ ET GENE CO-
DANT CE POLYPEPTIDE

(71) ZHONGSHAN UNIVERSITY [CN/CN];
135 Xingangxi Road, Guangzhou 510275
(CN).

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

(72, 75) XU, Anlong [CN/CN]; Life Science
School of Zhongshan University, 135 Xin-
gangxi Road, Guangzhou 510275 (CN).
YANG, Wenli [CN/CN]; Life Science School
of Zhongshan University, 135 Xingangxi
Road, Guangzhou 510275 (CN). WEI,
Jianwen [CN/CN]; Life Science School of
Zhongshan University, 135 Xingangxi Road,
Guangzhou 510275 (CN). WU, Wenyuan
[CN/CN]; Life Science School of Zhongshan
University, 135 Xingangxi Road, Guangzhou
510275 (CN). PENG, Lisheng [CN/CN];
Life Science School of Zhongshan Uni-
versity, 135 Xingangxi Road, Guangzhou
510275 (CN). ZHONG, Xiaofen [CN/CN];
Life Science School of Zhongshan Uni-
versity, 135 Xingangxi Road, Guangzhou
510275 (CN).

(74) CHINA SCIENCE PATENT & TRADE-
MARK AGENT LTD.; Zhongke Building,
16th floor, 80 Haidian Road, Haidian District,
Beijing 100080 (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 ES FI GB GD GE GH GM HR HU
ID 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07K 14/435, C12N 15/12, 15/85, 5/16

(11) WO 02/40528 (13) A1

(21) PCT/CN01/01506

(22) 26 Oct/oct 2001 (26.10.2001)

(25) zh (26) zh

(30) 00 1 25859.1 26 Oct/oct 2000 CN
(26.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD OF PRODUCING
NON-NATURAL SILK BY BOMBYX
MORI

• PROCEDE DE PRODUCTION DE SOIE
NON NATURELLE PAR BOMBYX
MORI

(71) SHANGHAI INSTITUTE OF BIO-
CHEMISTRY, CHINESE ACADEMY
OF SCIENCES [CN/CN]; Yue Yang Road
320, Shanghai 200031 (CN).

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

(72, 75) LU, Changde [CN/CN]; Yue Yang Road
320, Shanghai 200031 (CN). HUANG, Junt-
ing [CN/CN]; The Sericultural Research
Institute, Chinese Academy of Agricultural
Sciences, Zhenjiang, Jiangsu 212018 (CN).
ZHAO, Yun [CN/CN]; Yue Yang Road 320,
Shanghai 200031 (CN). ZHANG, Feng
[CN/CN]; Yue Yang Road 320, Shanghai
200031 (CN). CHEN, Xiu [CN/CN]; The
Sericultural Research Institute, Chinese
Academy of Agricultural Sciences, Zhen-
jiang, Jiangsu 212018 (CN).

(74) SHANGHAI PATENT & TRADEMARK
LAW OFFICE; XU, Xun, Guiping Road 435,
Shanghai 200233 (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 ES FI GB GD GE GH GM HR HU
ID 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 PH PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07K 14/435, 7/08, A61P 31/04, 17/00,
35/00, A61K 38/10, A23L 3/3526, 1/305

(11) WO 02/40529 (13) A2

(21) PCT/IL01/01036

(22) 7 Nov/nov 2001 (07.11.2001)

(25) en (26) en

(30) 139720 16 Nov/nov 2000 IL
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DIASTEREOMERIC PEPTIDES AND
PHARMACEUTICAL COMPOSITIONS
COMPRISING THEM

• PEPTIDES DIASTEREOMERES ET
COMPOSITIONS PHARMACEU-
TIQUES LES CONTENANT

(71) YEDA RESEARCH AND DEVELOP-
MENT CO. LTD. [IL/IL]; Weizmann Insti-
tute of Science, P.O. Box 95, 76100 Rehovot
(IL).

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

(72, 75) SHAI, Yechiel [IL/IL]; Bar Simantov
70, 56333 Yahud (IL). OREN, Ziv [IL/IL];
Harav Kook Street 3, 75306 Rishon-Le-Zion
(IL). SHAHAR, Michal [IL/IL]; Krause
Street 66/44, Holon 58342 (IL). EYAL, Nu-
rit [IL/IL]; Gordon Street 20, Ness Ziona
(IL).

(74) BEN-AMI, Paulina; Ben-Ami & Asso-
ciates, P.O. Box 94, 76100 Rehovot (IL).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ C07K 14/435

(11) WO 02/40530 (13) A2

(21) PCT/US01/45693

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 09/716.395 20 Nov/nov 2000 US
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MUTANT BCL-2 PROTEINS AND USES
THEREOF

• PROTEINES BCL-2 MUTANTES ET
UTILISATIONS CORRESPONDANTES

(71) ABBOTT LABORATORIES [US/US]; 100
Abbott Park Road, CHAD 0377/AP6D-2, Ab-
bott Park, IL 60064-6050 (US).

(72) FESIK, Stephen, W.; 1099 Portsmouth
Circle, Gurnee, IL 60031 (US). PETROS,
Andrew, M.; 940 Ambria Drive, Mundelein,
IL 60060 (US). YOON, HoSup; 458 Chester-
field Lane, Vernon Hills, IL 60061 (US).
NETTESHEIM, David, G.; 699 Woodlawn
Avenue, Lake Forest, IL 60045 (US).

(74) CASUTO, Dianne et al. / etc.; Abbott
Laboratories, 100 Abbott Park Road, CHAD

- 0377/AP6D-2, Abbott Park, IL 60064-6050 (US).
- (81) CA JP MX.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **C07K 14/46, C12N 15/12, A61K 38/17, A61P 25/00, 25/04**
- (11) **WO 02/40531** (13) A1
- (21) PCT/CN01/01399
- (22) **14 Sep/sep 2001 (14.09.2001)**
- (25) zh (26) zh
- (30) 00124831.6 **18 Sep/sep 2000 CN (18.09.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **LAPEMIS HARDWICKI** SHORT CHAIN NEUROTOXIN AND GENE ENCODING IT
- NEUROTOXINE A CHAÎNE COURTE <I>LAPEMIS HARDWICKI </I> ET GENE LA CODANT
- (71) **ZHONGSHAN UNIVERSITY** [CN/CN]; No 135 Xingang Xi Road, Guangzhou 510275 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XU, Anlong** [CN/CN]; Life Science School of Zhongshan University, 135 Xingang Xi Road, Guangzhou 510275 (CN). **ZHONG, Xiaofen** [CN/CN]; Life Science School of Zhongshan University, 135 Xingang Xi Road, Guangzhou 510275 (CN). **PENG, Lisheng** [CN/CN]; Life Science School of Zhongshan University, 135 Xingang Xi Road, Guangzhou 510275 (CN). **WEL, Jianwen** [CN/CN]; Life Science School of Zhongshan University, 135 Xingang Xi Road, Guangzhou 510275 (CN). **WU, Wenyan** [CN/CN]; Life Science School of Zhongshan University, 135 Xingang Xi Road, Guangzhou 510275 (CN). **YANG, Wenli** [CN/CN]; Life Science School of Zhongshan University, 135 Xingang Xi Road, Guangzhou 510275 (CN).
- (74) **CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD**; 16th floor, Zhongke Building, No 80, Haidian Road, Haidian District, Beijing 100080 (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 ES FI GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 35/00, 37/00**
- (11) **WO 02/40532** (13) A1
- (21) PCT/CN01/00366
- (22) **19 Mar/mar 2001 (19.03.2001)**
- (25) zh (26) zh
- (30) 00115026.X **22 Mar/mar 2000 CN (22.03.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A NEW POLYPEPTIDE-PROSTATIC GLAND SPECIFIC MEMBRANE ANTIGEN 9 AND THE POLYNUCLEOTIDE ENCODING IT
- NOUVEAU POLYPEPTIDE, ANTI-GÈNE PROSTATIQUE SPECIFIQUE MEMBRANAIRE 9, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) **BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).
- (74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C07K 14/47, C12N 15/09, C12Q 1/68, A61K 31/711, 38/00, 48/00, A61P 35/00, 43/00, G01N 33/1, 33/50, C12N 5/10**
- (11) **WO 02/40533** (13) A1
- (21) PCT/JP01/10036
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351630 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● RADIOSENSITIVITY ENHANCERS IN RADIOTHERAPY FOR CANCER AND NUCLEIC ACIDS AND PROTEINS ENHANCING RADIOSENSITIVITY
- ACTIVATEUR DE RADIOSENSIBILITE POUR RADIOTHERAPIE DU CANCER; ACIDES NUCLEIQUES ET PROTEINES ACCENTUANT LA RADIOSENSIBILITE
- (71) **CHIBA-PREFECTURE** [JP/JP]; 1-1, Ichiba-cho, Chuo-ku, Chiba-shi, Chiba 260-8667 (JP). **HISAMITSU PHARMACEUTICAL CO., INC.** [JP/JP]; 408, Tashirodaikan-machi, Tosu-shi, Saga 841-0017 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAGAWARA, Akira** [JP/JP]; c/o Chiba Cancer Center Research Institute, 666-2, Nitona-cho, Chuo-ku, Chiba-shi, Chiba 260-0801 (JP).
- (74) **HASEGAWA, Yoshiki** et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C07K 14/47, G01N 33/68**
- (11) **WO 02/40534** (13) A1
- (21) PCT/SE01/02552
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 0004228-3 **17 Nov/nov 2000 SE (17.11.2000)**
- (30) 0100742-6 **6 Mar/mar 2001 SE (06.03.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● NUCLEOTIDE AND POLYPEPTIDE SEQUENCES OF KCNA7, A MAMMALIAN VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN, AND USE THEREOF
- SEQUENCES NUCLEOTIDIQUES ET POLYPEPTIDIQUES DE KCNA7, UNE PROTEINE MAMMALIENNE DU CANAL POTASSIQUE POTENTIEL-DEPENDANT, ET UTILISATIONS DE CES DERNIERES
- (71) **PHARMACIA AB** [SE/SE]; S-112 87 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KASHUBA, Vladimir, I.** [UA/SE]; Rinkebyvägen 87/201, S-163 74 Spånga (SE). **WAHLESTEDT, Claes** [SE/SE]; Strandvägen 29, S-114 56 Stockholm (SE). **ZABAROVSKY, Eugene, R.** [RU/SE]; Ävägen 7, S-119 44 Upplands Väsby (SE).
- (74) **TANNERFELDT, Agneta** et al. / etc.; Pharmacia AB, S-112 87 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/47, C12N 15/12, C12Q 1/68, C07K 16/18, G01N 33/50**
- (11) **WO 02/40535** (13) A2
(21) PCT/US01/45011
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 60/252,061 **20 Nov/nov 2000** US
(20.11.2000)
(30) 60/253,257 **27 Nov/nov 2000** US
(27.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOSITIONS AND METHODS RELATING TO OVARY SPECIFIC GENES AND PROTEINS
• COMPOSITIONS ET METHODES RELATIVES A DES GENES ET A DES PROTEINES SPECIFIQUES DE L'OVAIRE
- (63) US 60/252,061 (CIP)
20 Nov/nov 2000 (20.11.2000)
US 60/253,257 (CIP)
27 Nov/nov 2000 (27.11.2000)
- (71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SALCEDA, Susana** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **MACINA, Roberto, A.** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **RECIPON, Herve** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **CAFFERKEY, Robert** [IE/US]; 350 Elan Village Lane, Apartment 218, San Jose, CA 95134 (US). **SUN, Yongming** [US/US]; 869 S. Winchester Boulevard, Apartment 260, San Jose, CA 95128 (US). **LIU, Chenghua** [CN/US]; 1125 Ranchero Way, #14, San Jose, CA 95117 (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 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/47, C12N 9/64, A61K 38/17, 38/48, A61P 31/04**
- (11) **WO 02/40536** (13) A2
(21) PCT/US01/45528
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 60/248,803 **15 Nov/nov 2000** US
(15.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • ACYLATED ANTIMICROBIAL PEPTIDES
• PEPTIDES ANTIMICROBIENS ACYLES
- (63) US 60/248,803 (CIP)
15 Nov/nov 2000 (15.11.2000)
- (71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, GA 30322 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHAFER, William, M.** [US/US]; 4550 Thicket Trail, Snellville, GA 30039 (US). **POHL, Jan** [US/US]; 435 Bentley Place, Tucker, GA 30084 (US).
- (74) **FERBER, Donna, M.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., 5370 Manhattan Circle, Suite 201, Boulder, CO 80303 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/575**
- (11) **WO 02/40537** (13) A2
(21) PCT/DK01/00742
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) PA 2000 01720 **16 Nov/nov 2000** DK
(16.11.2000)
(30) 60/253,345 **28 Nov/nov 2000** US
(28.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • ANALOGUES AND DERIVATIVES OF GASTRIN RELEASING PEPTIDE (GRP)
• ANALOGUES ET DERIVES DU PEPTIDE LIBERATEUR DE GASTRINE (GPR)
- (71) **NOVO NORDISK A/S** [DK/DK]; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).
- (72) **NIELSEN, Per, Franklin;** Dalsø Park 59, DK-3500 Værløse (DK). **RIBEL-MADSEN, Ulla;** Birkely 1, DK-2830 Farum (DK). **WAGTMANN, Peter, Andreas, Nicolai, Reumert;** Vallerød Banevej 34, DK-2960 Rungsted Kyst (DK).
- (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/705, C12N 15/12, 1/21, 5/10, C12Q 1/68, G01N 33/68, A61K 48/00, 39/395, 31/711, C12N 15/62, A61K 31/713**
- (11) **WO 02/40538** (13) A2
(21) PCT/EP01/13264
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,273 **17 Nov/nov 2000** US
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • REGULATION OF HUMAN NMDA RECEPTOR
• REGULATION DU RECEPTEUR NMDA HUMAIN
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOSSIDA, Sophia** [GR/FR]; 28, rue des 36 Ponts, F-31400 Toulouse (FR).
- (74) **BAYER AKTIENGESELLSCHAFT;** 51368 Leverkusen (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 SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/705**
- (11) **WO 02/40539** (13) A2
(21) PCT/US01/32256
(22) **16 Oct/oct 2001 (16.10.2001)**
(25) en (26) en
(30) 60/240,704 **16 Oct/oct 2000** US
(16.10.2000)
(30) 60/243,497 **26 Oct/oct 2000** US
(26.10.2000)
(30) 60/244,542 **31 Oct/oct 2000** US
(31.10.2000)
(30) 60/245,484 **3 Nov/nov 2000** US
(03.11.2000)
(30) 60/255,017 **12 Dec/déc 2000** US
(12.12.2000)
(30) 60/262,159 **17 Jan/jan 2001** US
(17.01.2001)

- (30) 60/263,340 **22 Jan/jan 2001** US
(22.01.2001)
- (30) 60/263,216 **22 Jan/jan 2001** US
(22.01.2001)
- (30) 60/264,118 **25 Jan/jan 2001** US
(25.01.2001)
- (30) 60/268,225 **12 Feb/fév 2001** US
(12.02.2001)
- (30) 60/289,031 **15 Feb/fév 2001** US
(15.02.2001)
- (30) 60/308,203 **27 Jul/juil 2001** US
(27.07.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● NOVEL GPCR-LIKE PROTEIN AND NUCLEIC ACIDS ENCODING SAME
● NOUVELLE PROTEINE DE TYPE RE-
CEPTEUR COUPLE A LA PROTEINE
G ET ACIDES NUCLEIQUES CODANT
POUR CETTE NOUVELLE PROTEINE
- (63) US 60/240,704 (CIP)
16 Oct/oct 2000 (16.10.2000)
US 60/262,159 (CIP)
17 Jan/jan 2001 (17.01.2001)
US 60/263,340 (CIP)
22 Jan/jan 2001 (22.01.2001)
US 60/264,118 (CIP)
25 Jan/jan 2001 (25.01.2001)
US 60/308,203 (CIP)
27 Jul/juil 2001 (27.07.2001)
US 60/243,497 (CIP)
26 Oct/oct 2000 (26.10.2000)
US 60/244,542 (CIP)
31 Oct/oct 2000 (31.10.2000)
US 60/289,031 (CIP)
15 Feb/fév 2001 (15.02.2001)
US 60/245,484 (CIP)
3 Nov/nov 2000 (03.11.2000)
US 60/255,017 (CIP)
12 Dec/déc 2000 (12.12.2000)
US 60/263,216 (CIP)
22 Jan/jan 2001 (22.01.2001)
US 60/268,225 (CIP)
12 Feb/fév 2001 (12.02.2001)
- (71) **CURAGEN CORPORATION** [US/US];
11th Floor, 555 Long Wharf Drive, New
Haven, CT 06511 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **KEKUDA, Ramesh** [IN/US]; 168 Lock-
wood Avenue, Stamford, CT 06902 (US).
SPYTEK, Kimberly, A. [US/US]; 28 Court
Street #1, New Haven, CT 06511 (US). **CAS-
MAN, Stacie, J.** [US/US]; 17 Peck Street,
North Haven, CT 06473 (US). **ZERHUSEN,
Bryan, D.** [US/US]; 337 Monticello Drive,
Branford, CT 06405 (US). **LI, Li** [CN/US];
56 Jerimoth Drive, Branford, CT 06405
(US). **TCHERNEV, Velizar, T.** [BG/US]; 45
Jefferson Road #3-12, Branford, CT 06405
(US). **COLMAN, Steven, D.** [US/US];
24 Andy Lane, Guilford, CT 06437 (US).
BALLINGER, Robert, A. [US/US]; 25
Starr Avenue, Newington, CT 06111 (US).
PADIGARU, Muralidhara [IN/US]; 71
Hampton Park, Branford, CT 06405 (US).
WOLENC, Adam, R. [US/US]; Apartment
206, 500 Main Street, East Haven, CT 06512
(US). **SHENOY, Suresh, G.** [US/US]; 15
Millwood Drive, Branford, CT 06405 (US).
EDINGER, Schlomit, R. [US/US]; 766
Edgewood Avenue, New Haven, CT 06515
(US). **GERLACH, Valerie** [IN/US]; 18
Rock Pasture Road, Branford, CT 06405
(US). **GANGOLLI, Esha, A.** [IN/US];
383 Walden Green, Branford, CT 06405
(US). **MACDOUGALL, John, R.** [CA/US];
117 Russell Street, Hamden, CT 06517
(US). **SMITHSON, Glenda** [US/US]; 125
Michael Drive, Guilford, CT 06435 (US).
PEYMAN, John, A. [US/US]; 336 West
Rock Avenue, New Haven, CT 06515 (US).
STONE, David, J. [US/US]; 223 Whitehorn
Drive, Guilford, CT 06437 (US). **GUN-
THER, Erik** [US/US]; 34 Bryan Road,
Branford, CT 06405 (US). **ELLERMAN,
Karen** [US/US]; 8 Montoya Drive, Bran-
ford, CT 06405 (US). **GROSSE, William,
M.** [US/US]; Apartment C, 15 Rice Terrace
Road, Branford, CT 06405 (US). **ALSO-
BROOK, John, P.** [US/US]; 60 Lake Drive,
Madison, CT 06443 (US). **LEPLEY, Denise,
M.** [US/US]; 51 Church Street, Branford,
CT 06405 (US). **BURGESS, Catherine, E.**
[US/US]; 90 Carriage Hill Drive, Wethers-
field, CT 06109 (US).
- (74) **ELRIFI, Ivor, R.;** Mintz, Levin, Cohn, Fer-
ris, Glovsky and Popeo, P.C., One Financial
Center, Boston, MA 02111 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
- (51)⁷ **C07K 14/705**
- (11) **WO 02/40541** (13) A2
- (21) PCT/US01/46055
- (22) **25 Oct/oct 2001 (25.10.2001)**
- (25) en (26) en
- (30) 60/243,989 **27 Oct/oct 2000** US
(27.10.2000)
- (30) 60/245,904 **3 Nov/nov 2000** US
(03.11.2000)
- (30) 60/247,673 **9 Nov/nov 2000** US
(09.11.2000)
- (30) 60/249,661 **17 Nov/nov 2000** US
(17.11.2000)
- (30) 60/252,232 **20 Nov/nov 2000** US
(20.11.2000)
- (30) 60/250,790 **1 Dec/déc 2000** US
(01.12.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● TRANSPORTERS AND ION CHAN-
NELS
● TRANSPORTEURS ET CANAUX A
IONS
- (71) **INCYTE GENOMICS, INC.** [US/US];
3160 Porter Drive, Palo Alto, CA 94304
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **TANG, Y., Tom** [US/US]; 4230 Ran-
wick Court, San Jose, CA 95118 (US). **YUE,
Henry** [US/US]; 826 Lois Avenue, Sunnys-
vale, CA 94087 (US). **NGUYEN, Danniell,
B.** [US/US]; 1403 Ridgewood Drive, San
Jose, CA 95118 (US). **HAFALIA, April, J.,
A.** [US/US]; 2227 Calle de Primavera, Santa
Clara, CA 95054 (US). **ELLIOTT, Vicki,
S.** [US/US]; 3770 Polton Place Way, San
Jose, CA 95121 (US). **LU, Yan** [CN/US];
3885 Corrina Way, Palo Alto, CA 94303
(US). **WALIA, Narinder, K.** [US/US]; 890
Davis Street, #205, San Leandro, CA 94577
(US). **YAO, Monique, G.** [US/US]; 1189
Woodgate Drive, Carmel, IN 46033 (US).
BAUGHN, Mariah, R. [US/US]; 14244
Santiago Road, San Leandro, CA 94577
(US). **GANDHI, Ameena, R.** [US/US]; 705
5th Avenue, San Francisco, CA 94118 (US).
DING, Li [CN/US]; 3353 Alma Street, #146,
Palo Alto, CA 94306 (US). **SANJANWALA,
Madhusudan** [US/US]; 210 Silvia Court,
Los Altos, CA 94024 (US). **RAMKUMAR,**
- (74) **BROOK, David, E.** et al. / etc.; Hamilton,
Brook, Smith & Reynolds, P.C., 530 Virginia
Road, P.O. Box 9133, Concord, MA 01742-
9133 (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 SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
- (51)⁷ **C07K 14/705**
- (11) **WO 02/40540** (13) A2
- (21) PCT/US01/42961
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/252,009 **20 Nov/nov 2000** US
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ARTERY SMOOTH MUSCLE- AND
VEIN SMOOTH MUSCLE-SPECIFIC
PROTEINS AND USES THEREFOR
● PROTEINES SPECIFIQUES DE
MUSCLE LISSE ARTERIELLES, PRO-
TEINES SPECIFIQUES DE MUSCLE
LISSE VEINEUSES ET LEURS UTILI-
SATIONS
- (71) **CALIFORNIA INSTITUTE OF TECH-
NOLOGY** [US/US]; 1200 East California
Boulevard, Pasadena, CA 91125 (US). **THE
BRIGHAM AND WOMEN'S HOSPITAL,
INC.** [US/US]; 75 Francis Street, Boston,
MA 02115 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **ANDERSON, David, J.** [US/US]; 2108
Glenview Terrace, Altadena, CA 91101
(US). **GARCIA-CARDENA, Guillermo**
[MX/US]; 116 Riverway Drive, Apt.17,
Boston, MA 02215 (US). **GIMBRONE, JR.,
Michael, A.** [US/US]; 30 Hopkins Road, Ja-
maica Plain, MA 02130 (US). **WANG, Hai,
U.** [CN/US]; 105 Lepage Court, Folsom, CA
95630 (US).

- Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). **ARVIZU, Chandra** [US/US]; 490 Sherwood Way, #1, Menlo Park, CA 94025 (US). **GIETZEN, Kimberly, J.** [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US). **LAL, Preeti, G.** [IN/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **AZIMZAI, Yalda** [US/US]; 5518 Boulder Canyon Drive, Castro Valley, CA 94552 (US). **KHAN, Farrah, A.** [IN/US]; 9445 Harrison Street, Des Plaines, IL 60016 (US). **THANGAVELU, Kavitha** [IN/US]; 1950 Montecito Avenue, #23, Mountain View, CA 94043 (US). **THORNTON, Michael** [US/US]; 9 Medway Road, Woodside, CA 94062 (US). **LU, Dyung, Aina, M.** [US/US]; 233 Coy Drive, San Jose, CA 95123 (US). **TRIBOULEY, Catherine, M.** [FR/US]; 1121 Tennessee Street, #5, San Francisco, CA 94107 (US). **WARREN, Bridget, A.** [US/US]; 10130 Parkwood Drive, #2, Cupertino, CA 95014 (US). **ISON, Craig, H.** [US/US]; 1242 Weathersfield Way, San Jose, CA 95118 (US). **DAS, Debopriya** [IN/US]; 1267 Parkington Avenue, Sunnyvale, CA 94087 (US). **RAUMANN, Brigitte, E.** [US/US]; 5801 South Dorchester Avenue #3B, Chicago, IL 60637 (US). **POLICKY, Jennifer, L.** [US/US]; 1511 Court Jarvis Court, San Jose, CA 95118 (US). **KEARNEY, Liam** [IE/US]; 50 Woodside Avenue, San Francisco, CA 94127 (US).
- (74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 3160 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/705, 16/28, C12N 15/12, C12Q 1/68, G01N 33/53, 33/577**
- (11) **WO 02/40542** (13) A2
- (21) PCT/US01/47214
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/249,950 **20 Nov/nov 2000 US (20.11.2000)**
- (30) 60/249,958 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • 58569 AND 50111, HUMAN PROTEINS AND METHODS OF USE THEREOF
- 58569 ET 50111, PROTEINES HUMAINES ET LEUR METHODES D'UTILISATION
- (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) **CURTIS, Rory, A., J.** [GB/US]; 31 Constitution Drive, Southborough, MA 01722 (US). **MEYERS, Rachel** [US/US]; 115 Devonshire Road, Newton, MA 02468 (US).
- (74) **COLBY, Gary, D.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 14/72, G01N 33/68**
- (11) **WO 02/40543** (13) A1
- (21) PCT/EP01/12569
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en
- (30) 00204001.2 **14 Nov/nov 2000 EP (14.11.2000)**
- (30) 60/248,970 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FUNCTIONAL FRAGMENT OF THE LECTINE RECEPTOR
- FRAGMENT FONCTIONNEL DU RECEPTEUR DE LA LEPTINE
- (71) **VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW** [BE/BE]; Rijvisschestraat 120, B-9052 Zwijnaarde (BE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EYCKERMAN, Sven** [BE/BE]; Citadellaan 75, B-9000 Gent (BE). **TAVERNIER, Jan** [BE/BE]; Bottelweg 2, B-9860 Balegem (BE). **ZABEAU, Lennart** [BE/BE]; Erpelsteeg 70, B-9000 Gent (BE).
- (74) **VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW**; Rijvisschestraat 120, B-9052 Zwijnaarde (BE).
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c), (q1)
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- (51)⁷ **C07K 14/745**
- (11) **WO 02/40544** (13) A2
- (21) PCT/US01/47276
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 60/248,326 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MUTANT HUMAN FACTOR IX WITH AN INCREASED RESISTANCE TO INHIBITION BY HEPARIN
- FACTEUR IX HUMAIN MUTANT A RESISTANCE ACCRUE A L'INHIBITION PAR L'HEPARINE
- (71) **THE UNIVERSITY OF TEXAS SYSTEMS** [US/US]; 3463 Magic Drive, Suite 350, San Antonio, TX 78229 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHEEHAN, John, P.** [US/US]; 4703 Plainfield Court, Middleton, WI 53562 (US).
- (74) **MCMILLAN, Nabeela, R.**; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 19/00, A61K 47/48, C12N 15/62, 15/70, 1/21, A61P 35/00 // C07K 16/28, 16/36, 16/18**
- (11) **WO 02/40545** (13) A2
- (21) PCT/US01/43602
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,805 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • REDUCTION OF THE NONSPECIFIC ANIMAL TOXICITY OF IMMUNOTOXINS BY MUTATING THE FRAMEWORK REGIONS OF THE FV TO LOWER THE ISOELECTRIC POINT
- REDUCTION DE LA TOXICITE ANIMALE NON SPECIFIQUE DES IMMUNOTOXINES PAR MUTATION DES REGIONS D'INFRASTRUCTURE DE FV POUR REDUIRE LE POINT ISOELECTRIQUE
- (71) **THE GOVERNMENT OF THE UNITED STATES, 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) **PASTAN, Ira, H.** [US/US]; 11710 Beall Mountain Road, Potomac, MD 20854 (US). **ONDA, Masanori** [JP/US]; 6030 California

- Circle, Rockville, MD 20852 (US). **NA-GATA, Satoshi** [JP/US]; 261 Congressional Lane, Rockville, MD 20852 (US). **TSUTSUMI, Yasuo** [JP/US]; 257 Congressional Lane, Rockville, MD 20852 (US). **VINCENT, James, J.** [US/US]; 236 Manor Circle, Takoma Park, MD 20912 (US). **KREITMAN, Robert, J.** [US/US]; 11915 Reynolds Avenue, Potomac, MD 20854 (US). **VASMATZIS, George** [US/US]; 2819 4th Avenue, NW, Rochester, NY 55901 (US). **LEE, Byungkook** [US/US]; 10711 Sandy Landing Road, Potomac, MD 20854 (US).
- (74) **HYMAN, Laurence, J.** 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 2/32**
- (11) **WO 02/40546** (13) A1
- (21) PCT/JP01/09298
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) en (26) en
- (30) 2000-347962 **15 Nov/nov 2000 JP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR PRODUCTION OF POROUS CROSS-LINKED POLYMER MATERIAL
- PROCEDE DE PRODUCTION D'UNE MATIERE A BASE D'UN POLYMERE RETICULE POREUX
- (71) **NIPPON SHOKUBAI CO., LTD.** [JP/JP]; 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).
(only for / seulement pour DE GB)
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; Beckett Ridge Technical Center, 8611 Beckett Road, West Chester, OH 45069 (US).
(only for / seulement pour BE CA DE FR GB IT MX NL SE)
- (72, 75) **KADONAGA, Kenji** [JP/JP]; 5-1-203, Nishimachi, Takatsuki-shi, Osaka 569-0854 (JP). **MITSUHASHI, Akiko** [JP/JP]; 1-7, Yayoi-gaoka 5-chome, Sanda-shi, Hyogo 669-1546 (JP). **TAKAHASHI, Kazutomo** [JP/JP]; 8-10, Yoshimi 5-chome, Moriyama-shi, Shiga 524-0021 (JP).
- (74) **HATTA, Mikio** et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
- (81) CA MX US.
- (84) EP (BE DE FR GB IT NL SE).
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- (51)⁷ **C08F 2/34, 2/01, 10/00, B01J 8/24**
- (11) **WO 02/40547** (13) A1
- (21) PCT/NL00/00833
- (22) **14 Nov/nov 2000 (14.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● FLUIDISED BED REACTOR
- REACTEUR A LIT FLUIDISE
- (71) **DSM N.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) **MUTSERS, Stanislaus, Martinus, Petrus** [NL/NL]; Eindstraat 9, NL-6166 EH Geleen (NL). **WEICKERT, Günter** [DE/DE]; Rosenthal 87a, 48683 Ahaus (DE).
- (74) **KRIJGSMAN, Willem;** DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 2/44**
- (11) **WO 02/40548** (13) A1
- (21) PCT/FR01/03549
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) fr (26) fr
- (30) 00/14903 **17 Nov/nov 2000 FR (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR OBTAINING A PHOTOCROMIC LATEX
- PROCEDE D'OBTENTION D'UN LATEX PHOTOCROMIQUE
- (71) **ESSILOR INTERNATIONAL COMPAGNIE GENERALE D'OPTIQUE** [FR/FR]; 147 rue de Paris, F-94227 CHARENTON cedex (FR).
- (72) **ROBERT, Anne;** 23 rue Guynemer, F-94440 VILLECRESNE (FR). **TARDIEU, Pascale;** 7 rue Plichon, F-75011 PARIS (FR). **MAISONNIER, Sylvette;** 27 rue Nungesser et Coli, F-95570 MOISSELLES (FR). **CANO, Jean-Paul;** 17 avenue Aristide Briand, F-94470 CHENNEVIERES sur MARNE (FR).
- (74) **CATHERINE, Alain** et al. / etc.; Cabinet HARLE et PHELIP, 7 rue de Madrid, F-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 NO NZ OM PH PL PT RO
- RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C08F 4/00**
- (11) **WO 02/40549** (13) A2
- (21) PCT/US01/30790
- (22) **2 Oct/oct 2001 (02.10.2001)**
- (25) en (26) en
- (30) 09/715,775 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A METHOD FOR PREPARING A CATALYST COMPOSITION AND ITS USE IN A POLYMERIZATION PROCESS
- PROCEDE SERVANT A PREPARER UNE COMPOSITION CATALYTIQUE ET SON UTILISATION DANS UNE OPERATION DE POLYMERISATION
- (71) **UNIVATION TECHNOLOGIES, LLC** [US/US]; Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).
- (72) **KAO, Sun-Chueh;** 7 Durham Court, Hillsboro, NJ 08844 (US). **SHER, Jaimes;** 7815 Betty Jane Place, Houston, TX 77055 (US). **KAROL, Frederick;** 157 Skyline Drive, Lakewood, NJ 08701 (US). **KHOKHANI, Parul, A.;** 5 Elizabeth Place, Manalapan, NJ 07726 (US). **MURUGANANDAM, Nataraajan;** 4 McIntire Drive, Belle Mead, NJ 08502 (US).
- (74) **JONES, L.** et al. / etc.; Univation Technologies, LLC, 555 San Felipe, Suite 1950, Houston, TX 77056 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 4/00**
- (11) **WO 02/40550** (13) A2
- (21) PCT/US01/30791
- (22) **2 Oct/oct 2001 (02.10.2001)**
- (25) en (26) en
- (30) 09/714,477 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A METHOD FOR PREPARING A CATALYST COMPOSITION AND ITS USE IN A POLYMERIZATION PROCESS
- PROCEDE SERVANT A PREPARER UNE COMPOSITION CATALYTIQUE

ET SON UTILISATION DANS UNE
OPERATION DE POLYMERISATION

(71) **UNIVATION TECHNOLOGIES, LLC** [US/US]; Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).

(72) **KAO, Sun-Chueh**; 7 Durham Court, Hillsboro, NJ 08844 (US). **KHOKHANI, Paul, A.**; 5 Elizabeth Place, Manalapan, NJ 07726 (US).

(74) **JONES, L.** et al. / etc.; Univation Technologies, LLC, 555 San Felipe, Suite 1950, Houston, TX 77056 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **C08F 4/02, 10/00**

(11) **WO 02/40551** (13) A1

(21) PCT/EP01/13169

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) 00204003.8 **14 Nov/nov 2000 EP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • POLYMERISATION CATALYST SYSTEMS AND THEIR PREPARATION
• SYSTEMES DE CATALYSEURS DE POLYMERISATION ET LEUR PREPARATION

(71) **ATOFINA RESEARCH** [BE/BE]; Société Anonyme, Zone Industrielle C, B-7181 Senefte (Feluy) (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BODART, Philippe** [BE/BE]; Rue aux Granges 108, B-4480 Clermont-sous-Huy (BE). **PLEE, Dominique** [FR/FR]; 3, allée du Martin Pêcheur, F-64140 Lons (FR). **PETERS, Liliane** [BE/BE]; Rue du Calvaire 3, B-1495 Marbais (BE).

(74) **ATOFINA RESEARCH**; Patent Department, Zone Industrielle C, B-7181 Senefte (Feluy) (BE).

(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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 4/60, 4/70, 10/00**

(11) **WO 02/40552** (13) A1

(21) PCT/US01/31646

(22) **11 Oct/oct 2001 (11.10.2001)**

(25) en (26) en

(30) 09/713,975 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • BIMETALLIC OLEFIN POLYMERIZATION CATALYSTS
• CATALYSEURS BIMETALLIQUES DE POLYMERISATION D'OLEFINE

(71) **EQUISTAR CHEMICALS, LP** [US/US]; 1221 McKinney Street, P.O. Box 2583, Houston, TX 77252-2583 (US).

(72) **NAGY, Sandor**; 8967 Charleston View, Mason, OH 45040 (US).

(74) **CARROLL, Kevin, M.** et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 6/08**

(11) **WO 02/40553** (13) A1

(21) PCT/EP01/13269

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 57 318.5 **17 Nov/nov 2000 DE (17.11.2000)**

(30) 101 27 818.7 **7 Jun/juin 2001 DE (07.06.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR DEACTIVATING AND RECOVERING BORON TRIFLUORIDE WHEN PRODUCING POLYISOBUTENES
• PROCEDE POUR DESACTIVER ET RECUPERER DU TRIFLUORURE DE BORE LORS DE LA PRODUCTION DE POLYISOBUTENES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WETTLING, Thomas** [DE/BE]; Maria-Theresialei 60, 2180 Ekeren (BE). **BORCHERS, Dirk** [DE/BE]; Dahlialaan 6, 2950 Kapellen (BE). **VERRELST, Wim** [BE/BE]; Jozef de Veusterstraat 98, 2650 Edegem (BE). **RATH, Hans, Peter** [DE/DE]; Friedhofstrasse 7, 67269 Grünstadt (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (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 SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 10/00, 2/34**

(11) **WO 02/40554** (13) A1

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(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0027990.1 **16 Nov/nov 2000 GB (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • POLYMERISATION PROCESS
• PROCEDE DE POLYMERISATION

(71) **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEHUE, Patrick, Daniel, Yves** [FR/FR]; 4 Avenue des Tourne-Pierres, F-13800 Istres (FR). **BENAZOUZZ, Gacem** [FR/FR]; Résidence Le Chambord, Bât. D, Impasse des Commandants Mandine, F-13500 Martigues (FR). **COUPIER, Laurent** [FR/FR]; Résidence des Amphores, Bât. Le Calao, Avenue Général Leclerc, F-13960 Sausset Les Pins (FR). **HESLOP, David** [GB/FR]; 29, rue du Roi René, F-13800 Istres (FR). **HUCHETTE, Sebastien** [FR/FR]; 33, avenue des Esperelles, F-13500 Martigues (FR). **ISNARD, Jean-Pierre** [FR/FR]; 90, avenue Fleming, F-13500 Martigues (FR). **LEMESLE, Willy** [FR/FR]; 33, avenue des Esperelles, Bât. 2, Apt. 205, F-13500 Martigues (FR). **VIGUIER, Renaud** [FR/FR]; 5, rue des Bourdons, F-13117 Lavera (FR).

(74) **SMITH, Julian, Philip, Howard**; 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 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 TR TT TZ UA UG UZ VN YU ZA ZW.

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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA

ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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

(51)⁷ C08F 10/00

(11) WO 02/40555 (13) A2

(21) PCT/US01/42459

(22) 2 Oct/oct 2001 (02.10.2001)

(25) en (26) en

(30) 09/714,371 16 Nov/nov 2000 US (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CATALYST SYSTEM AND ITS USE IN OLEFIN POLYMERIZATION
● SYSTEME CATALYSEUR ET SON UTILISATION DANS LA POLYMERISATION D'OLEFINES

(71) UNIVATION TECHNOLOGIES, LLC [US/US]; Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).

(72) KAO, Sun-Chueh; 7 Durham Court, Hillsboro, NJ 08844 (US). SHER, Jaimes; 7815 Betty Jane Place, Houston, TX 77055 (US). KAROL, Frederick; 157 Skyline Drive, Lakewood, NJ 08701 (US).

(74) JONES, L. et al. / etc.; Univation Technologies, LLC, 555 San Felipe, Suite 1950, Houston, TX 77056 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ C08F 10/02, 2/34, 4/24, 2/40

(11) WO 02/40556 (13) A1

(21) PCT/GB01/05078

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 00430030.7 20 Nov/nov 2000 EP (20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCESS FOR THE CONTINUOUS GAS-PHASE (CO-) POLYMERISATION OF OLEFINS IN A FLUIDISED BED REACTOR
● PROCEDE DE (CO-)POLYMERISATION CONTINUE EN PHASE GAZEUSE D'OLEFINES DANS UN REACTEUR A LIT FLUIDISE

(71) BP CHEMICALS LIMITED [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).

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

(71) BP CHEMICALS S.N.C. [FR/FR]; Parc Saint-Christophe, Batiment Newton, 1-10, Avenue de l'Entreprise, F-95866 Cergy Pontoise Cedex (FR).
(only for / seulement pour FR)

(72, 75) KUHNBURGER, Jean-Jacques [FR/MY]; 3 Jelutong Villas, Damansara Heights, Kuala Lumpur (MY). ROWLEY, Kenneth, John [GB/GB]; 25 Croxon Rise, Oswestry, Shropshire SY11 2YQ (GB).

(74) PREECE, Michael; 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 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 TR TT TZ UA UG UZ VN YU ZA ZW.

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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 C08F 220/24

(11) WO 02/40557 (13) A1

(21) PCT/FR01/03539

(22) 13 Nov/nov 2001 (13.11.2001)

(25) fr (26) fr

(30) 00/14723 15 Nov/nov 2000 FR (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● FLUORINATED COPOLYMERS FOR HYDROPHOBIC AND OLEOPHOBIC TREATMENT OF BUILDING MATERIALS
● COPOLYMERES FLUORES POUR LE TRAITEMENT HYDROPHOBE ET OLEOPHOBE DES MATERIAUX DE CONSTRUCTION

(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) JUHUE, Didier [FR/FR]; 8, clos de la Fontaine, F-27200 Vernon (FR). PABON, Martial [FR/FR]; 7, rue Kléber, F-92400 Courbevoie (FR). KOWALIK, André [FR/FR]; 3, allée Henri Becquerel, F-60270 Gouvieux (FR). CORPART, Jean-Marc [FR/FR]; 3, allée des Erables, F-95110 Sannois (FR).

(74) GRANET, Pierre; ATOFINA, Département Propriété Industrielle, Cours Michelet - La Défense 10, F-92091 Paris La Défense (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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 C08F 246/00

(11) WO 02/40558 (13) A1

(21) PCT/GB01/05030

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 00310178.9 16 Nov/nov 2000 EP (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● POLYMERS AND POLYMERISATION PROCESSES
● POLYMERES ET PROCESSUS DE POLYMERISATION

(71) BIOCAMPABLES LIMITED [GB/GB]; Chapman House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).

(72) HUGHES, Laurence, Gerald; 2 The Street, Frensham, Farnham, Surrey GU10 3DZ (GB). LEWIS, Andrew, Lennard; Biocompatibles Limited, Chapman House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (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 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 TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 283/00

(11) WO 02/40559 (13) A2

(21) PCT/CA01/01625

(22) 20 Nov/nov 2001 (20.11.2001)

- (25) en (26) en
- (30) 60/249,442 **20 Nov/nov 2000** US
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● AMPHIPHILE SOLID SUPPORT FOR PEPTIDE SYNTHESIS, BIOORGANIC AND ORGANIC CHEMISTRY
- SUPPORT SOLIDE AMPHIPHILE POUR SYNTHESE PEPTIDIQUE, CHIMIE ORGANIQUE ET BIO-ORGANIQUE
- (71) **MATRIX INNOVATION INC.** [CA/CA]; 4950, Lionel-Groulx, Saint-Augustin-desmaures, Québec G3A 1V2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CÔTÉ, Simon** [CA/CA]; 21, Dubeau, Beauport, Québec G1B 1T6 (CA).
- (74) **OGLIVY RENAULT**; Suite 1600, 1981 McGill College Avenue, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 283/00, 283/02, C09D 151/08, 167/08, C08G 63/688**
- (11) **WO 02/40560** (13) A1
- (21) PCT/EP01/13070
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 00124300.5 **15 Nov/nov 2000** EP
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● WATERBORNE ACRYLIC MODIFIED ALKYD RESINS
- RESINES ALKYDES A MODIFICATION ACRYLIQUE A BASE AQUEUSE
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KÜHNEWEG, Bernd** [DE/DE]; Volmerswerther Strasse 412, 40221 Düsseldorf (DE).
- (74) **WINKLER, Andreas**; Boehmert & Boehmert, Hollerallee 32, 28209 Bremen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 297/08, C08L 23/10**
- (11) **WO 02/40561** (13) A2
- (21) PCT/EP01/14295
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/712,167 **15 Nov/nov 2000** US
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● COMPOSITION BASED ON PROPYLENE POLYMERS AND PROCESS FOR OBTAINING SAME
- COMPOSITION A BASE DE POLYPROPYLENES ET PROCÉDE PERMETTANT DE LES OBTENIR
- (71) **POLYPROPYLENE BELGIUM (NAAM-LOZE VENNOOTSCHAP)** [BE/BE]; Scheldelaan, 480, B-2040 Antwerpen (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DELAITE, Emmanuel** [BE/BE]; rue d'Italie, 10, B-7090 Braine-le-comte (BE).
CUYPERS, Hervé [BE/BE]; avenue des Fauvettes, 1, B-1341 Ceroux-mousty (BE).
- (74) **DESTRYKER, Elise**; Solvay Polyolefins Europe-belgium, Département de la Propriété Intellectuelle, rue de Ransbeek, 310, B-1120 Brussels (BE).
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Published / Publiée : (q1)
- 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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; (t) for the following designation / pour la désignation suivante : US; (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement
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- (51)⁷ **C08G 8/04, 8/36, C10G 33/06**
- (11) **WO 02/40562** (13) A1
- (21) PCT/EP01/12629
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) de (26) de
- (30) 100 57 043.7 **17 Nov/nov 2000** DE
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ALKYL PHENOLGLYOXAL RESINS AND THEIR USE AS DEMULSIFIERS
- RESINES D'ALKYLPHENOLGLYOXAL ET LEUR UTILISATION EN TANT QUE DESEMULSIFIANTS
- (71) **CLARIANT GMBH** [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEINWEBER, Dirk** [DE/DE]; Robert-Koch-Strasse 44, 84489 Burghausen (DE).
WASMUND, Elisabeth [DE/DE]; Kalkweg II, 84508 Burgkirchen (DE).
- (74) **MIKULECKY, Klaus**; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).
- (81) ID NO SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C08G 8/36, C10G 33/04**
- (11) **WO 02/40563** (13) A1
- (21) PCT/EP01/12670
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) de (26) de
- (30) 100 57 044.5 **17 Nov/nov 2000** DE
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● RESINS COMPRISED OF ALKYL PHENOLS AND OF GLYOXYLIC ACID DERIVATIVES, AND THEIR USE AS DEMULSIFIERS
- RESINES COMPRENANT DES ALKYLPHENOLS ET DES DERIVES D'ACIDE GLYOXYLIQUE ET LEUR UTILISATION EN TANT QUE DESEMULSIFIANTS
- (71) **CLARIANT GMBH** [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEINWEBER, Dirk** [DE/DE]; Robert-Koch-Strasse 44, 84489 Burghausen (DE).
WASMUND, Elisabeth [DE/DE]; Kalkweg II, 84508 Burgkirchen (DE).
- (74) **MIKULECKY, Klaus**; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).
- (81) ID NO SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C08G 12/42**
- (11) **WO 02/40564** (13) A1
- (21) PCT/EP01/12789
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) de (26) de
- (30) 100 56 398.8 **14 Nov/nov 2000** DE
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● MELT PROCESSABLE AMINO RESIN BASED ON 1,3,5-TRIAZINES AND ALDEHYDES
- RESINE AMINIQUE POUVANT ETRE TRAVAILLEE EN FUSION, A BASE DE 1,3,5-TRIAZINES ET D'ALDEHYDES

- (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) **BÖRNER, Frank** [DE/DE]; Garde-schützenweg 10, 12203 Berlin (DE). **RAFLER, Gerald** [DE/DE]; Am Brunnen 4, 14473 Potsdam (DE). **BONATZ, Eckhard** [DE/DE]; G.-Hauptmann-Str. 46, 14513 Teltow (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C08G 18/00**
- (11) **WO 02/40565** (13) A2
- (21) PCT/EP01/12777
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) de (26) de
- (30) 100 56 759.2 **16 Nov/nov 2000 DE (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COATINGS CONSISTING OF SPECIAL POLYOLS AND OXALIC ACID
• REVETEMENTS EN POLYOLS SPECIAUX ET ACIDE OXALIQUE
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KÖHLER, Burkhard** [DE/DE]; Wiesdorfer Platz 10, 51373 Leverkusen (DE). **BAUMBACH, Beate** [DE/DE]; Heymannstrasse 34, 51373 Leverkusen (DE). **FÜSSEL, Christian** [DE/DE]; Ludwig-Jahn-Strasse 49, 47918 Tönisvorst (DE). **PROBST, Joachim** [DE/DE]; Humperdinckstrasse 42, 51375 Leverkusen (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C08G 18/16, 18/02**
- (11) **WO 02/40567** (13) A1
- (21) PCT/FR01/03648
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) fr (26) fr
- (30) 00/14965 **20 Nov/nov 2000 FR (20.11.2000)**
- (30) 00/14966 **20 Nov/nov 2000 FR (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR CATALYTIC DIMERIZATION OF ISOCYANATES
• PROCEDE DE DIMERISATION CATALYTIQUE D'ISOCYANATES
- (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) **BERNARD, Jean-Marie** [FR/FR]; Route du Large, Saint-Laurent D'Agny, F-69440 Mornant (FR).
- (74) **JACOBSON, Claude**; Cabinet Lavoix, 2, place d'Etienne d'Orves, F-75441 Paris Cedex 09 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C08G 18/18, 18/28, 18/40, 18/48, 18/50**
- (11) **WO 02/40568** (13) A1
- (21) PCT/EP01/12854
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) de (26) de
- (30) 100 56 309.0 **14 Nov/nov 2000 DE (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ACTIVATORS FOR THE PRODUCTION OF POLYURETHANE FOAMED MATERIALS
• ACTIVEURS POUR LA PRODUCTION DE MOUSSES DE POLYURETHANNE
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAAS, Peter** [DE/DE]; Zwengenberger Str. 43, 42781 Haan (DE). **WEGENER, Dirk** [DE/DE]; Rubensstr.18, 40789 Monheim (DE). **GRAMMES, Hartwig** [DE/DE]; Brucknerstr.23, 51375 Leverkusen (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C08G 64/30, C08L 69/00**
- (11) **WO 02/40569** (13) A1
- (21) PCT/JP01/09874
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) ja (26) ja
- (30) 2000-347136 **14 Nov/nov 2000 JP (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)

- (54) • AROMATIC POLYCARBONATE, PROCESS FOR PRODUCING THE SAME, AND COMPOSITION CONTAINING THE SAME
- POLYCARBONATE AROMATIQUE, SON PROCEDE DE PRODUCTION ET COMPOSITION CONTENANT CE-LUI-CI
- (71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAWAKI, Toru** [JP/JP]; c/o Teijin Limited Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **HIRATA, Masumi** [JP/JP]; c/o Teijin Limited Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **SASAKI, Katsushi** [JP/JP]; c/o Teijin Limited Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **MATSUOKA, Yoshiki** [JP/JP]; c/o Teijin Limited Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **SHIMONARU, Masashi** [JP/JP]; c/o Teijin Limited Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP).
- (74) **OHSHIMA, Masataka**; OHSHIMA PATENT OFFICE, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) CN JP KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C08G 73/02, H01B 1/12**
- (11) **WO 02/40570** (13) A1
- (21) PCT/IN01/00130
- (22) **29 Jun/juin 2001 (29.06.2001)**
- (25) en (26) en
- (30) 1029/DEL/2000 **17 Nov/nov 2000** IN
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A PROCESS FOR THE PREPARATION OF POLYANILINE SALT
- PROCEDE DE PREPARATION DE SEL DE POLYANILINE
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **PALANIAPPAN, Srinivasan**; The Indian Institute of Chemical Technology, Hyderabad 500 007 (IN).
- (74) **SUBRAMANIAM, Hariharan** et al. / etc.; Subramaniam, Nataraj & Associates, Patent & Trademarks Attorneys, E-556, Greater Kailash-II, New Delhi 110 048 (IN).
- (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **C08G 77/04**
- (11) **WO 02/40571** (13) A1
- (21) PCT/KR01/01958
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ko (26) en
- (30) 2000-68435 **17 Nov/nov 2000** KR
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • POLY (METHYLSILSESQUIOXANE) COPOLYMERS AND PREPARATION METHOD THEREOF
- COPOLYMERES DE POLYMETHYLSILSESQUIOXANE ET METHODE DE PREPARATION DESDITS COPOLYMERES
- (71, 72) **LEE, Jin-Kyu** [KR/KR]; 143-902 Kwanak Dream Town., Bongcheon-5-dong., Kwanak-gu, 151-770 Seoul (KR). **RHEE, Hee-Woo** [KR/KR]; Da-403 Hyechong Apt., Samsung-dong., Gangnam-gu, 135-090 Seoul (KR). **CHAR, Kook-Heon** [KR/KR]; A-304, Banpo Hyundai Villa., 104-16 Banpo4-dong., Seocho-gu, 137-044 Seoul (KR). **YOON, Do-Yeung** [KR/KR]; 936-208 Faculty House., Bongcheon7-dong., Kwanak-gu, 151-057 Seoul (KR).
- (74) **HAN YANG PATENT FIRM**; 10th Floor, Dacom Building., 706-1 Yeosam-dong, Gangnam-gu, 135-987 Seoul (KR).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C08G 83/00, 65/18**
- (11) **WO 02/40572** (13) A1
- (21) PCT/SE01/02519
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 0004155-8 **14 Nov/nov 2000** SE
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESS FOR MANUFACTURE OF A DENDRITIC POLYETHER
- PROCEDE DE FABRICATION D'UN POLYETHER DENDRITIQUE
- (71) **PERSTORP SPECIALTY CHEMICALS AB** [SE/SE]; S-284 80 Perstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETTERSSON, Bo** [SE/SE]; Iliongränden 223, S-224 72 Lund (SE). **JAMES, David** [SE/SE]; Nedre Hölländaregatan 4, S-252 25 Helsingborg (SE). **MIDELF, Birger** [SE/SE]; Stigmangatan 4, S-262 62 Ängelholm (SE). **BJÖRNBERG, Håkan** [SE/SE]; Tallvägen 4, S-262 61 Ängelholm (SE). **REHNBERG, Nicola** [SE/SE]; Klövergatan 28, S-284 38 Perstorp (SE).
- (74) **STENBERG, Yngve**; c/o Perstorp AB, S-284 80 Perstorp (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 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
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- MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C08G 85/00, C07B 53/00**
- (11) **WO 02/40573** (13) A1
- (21) PCT/JP01/09974
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) ja (26) ja
- (30) 2000-351900 **17 Nov/nov 2000** JP
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SOLID-SUPPORTED OPTICALLY ACTIVE BINAPHTHYLS AND PROCESS FOR PREPARING ASYMMETRIC AMINO NITRILE DERIVATIVES WITH THE SAME
- BINAPHTHYLES OPTIQUEMENT ACTIFS A SUPPORT SOLIDE ET PROCEDE DE PREPARATION DE DERIVES D'AMINONITRILE ASYMETRIQUES A L'AIDE DE CEUX-CI
- (71) **mitsubishi RAYON CO., LTD.** [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIBASAKI, Masakatsu** [JP/JP]; 2-11-2, Shimorenjyaku, Mitaka-shi, Tokyo 181-0013 (JP). **NOGAMI, Hiroyuki** [JP/JP]; c/o Mitsubishi Rayon Co., Ltd., Chemicals Development Laboratories, 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). **KANAI, Motomu** [JP/JP]; 5-20-4-201, Hakusan, Bunkyo-ku, Tokyo 112-0001 (JP). **MATSUNAGA, Shigeki** [JP/JP]; 1-6-13, Higashitabata, Kita-ku, Tokyo 114-0013 (JP).
- (74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/03, 3/205**
- (11) **WO 02/40574** (13) A2
- (21) PCT/US01/45526
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,760 **17 Nov/nov 2000** US
(17.11.2000)

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DISPERSIONS OF SOLID, SEMI-SOLID, AND LIQUID RESINS AND A METHOD OF MAKING THE SAME
• DISPERSIONS DE RESINES SOLIDES, SEMI-SOLIDES ET LIQUIDES ET PROCEDE DE FABRICATION DE CELLES-CI
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
- (72) **LUNDGARD, Richard, A.**; 919 Whispering Oak Drive, Midland, MI 48640 (US). **MUSSELL, Robert, D.**; 3800 Haskin Drive, Midland, MI 48640 (US). **JACKSON, Michael, A.**; 1009 Juniper Springs Drive, Louisville, KY 40242 (US).
- (74) **WILLIS, Reid, S.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/21, B29B 9/00, B32B 5/16**
- (11) **WO 02/40575** (13) A1
- (21) PCT/EP01/13215
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 57 164.6 **16 Nov/nov 2000 DE (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PIGMENT PREPARATIONS
• PRÉPARATIONS DE PIGMENTS
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ETZRODT, Günter** [DE/DE]; Rebmannstr. 6, 70180 Stuttgart (DE). **GREFENSTEIN, Achim** [DE/DE]; Wachtenburgstr. 14, 67122 Altrip (DE). **JENET, Wieland** [DE/DE]; Obere Querstr. 30, 67551 Worms (DE). **BAYER, Robert** [DE/DE]; Steinsfurter Str. 4, 74889 Sinsheim (DE). **RIEGER, Reinhold** [DE/DE]; Philipp-Scheidemann-Str. 139, 67071 Ludwigshafen (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (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 SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C08J 5/06, 5/08, C08K 9/04, 9/06**
- (11) **WO 02/40577** (13) A1
- (21) PCT/AU01/01484
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) PR 1688 **17 Nov/nov 2000 AU (17.11.2000)**
- (30) PR 4769 **3 May/mai 2001 AU (03.05.2001)**
- (30) PR 6140 **4 Jul/juil 2001 AU (04.07.2001)**
- (30) PR 6305 **11 Jul/juil 2001 AU (11.07.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COUPLING OF REINFORCING FIBRES TO RESINS IN CURABLE COMPOSITES
• COUPLAGE ENTRE FIBRES DE RENFORCEMENT ET RESINES DANS DES COMPOSITES DURCISSABLES
- (71, 72) **HODGSON, Peter, Clifford** [AU/AU]; 31 Speers Street, Speers Point, NSW 2284 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
- (51)⁷ **C08J 5/18, C08K 13/02, C08L 29/14 // (C08K 13/02, 3:00, 5:00)**
- (11) **WO 02/40578** (13) A1
- (21) PCT/DE01/04277
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) de (26) de
- (30) 100 57 029.1 **17 Nov/nov 2000 DE (17.11.2000)**
- (30) 101 47 695.7 **27 Sep/sep 2001 DE (27.09.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ION-CONDUCTING POLYVINYL ACETAL FILM
• FILM DE POLYVINYLACETAL CONDUCTEUR D'IONS
- (71) **GESIMAT GMBH** [DE/DE]; Köpenicker Strasse 325, 12555 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRAFT, Alexander** [DE/DE]; Wendenschlossstrasse 324A, 12557 Berlin (DE). **HECKNER, Karl-Heinz** [DE/DE]; Wendenschlossstrasse 312A, 12557 Berlin (DE).
- (74) **REIMANN, Wolfgang**; Pekrunstr. 62, 12685 Berlin (DE).
- (81) AE AU BG BR CA CN CU CZ DZ EE ES GE HR HU ID IL IN JP KR LT LV MA MX NO NZ PL PT RO SG SI SK UA US UZ YU ZA.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- Published / Publiée : (c)
- (51)⁷ **C08J 7/04**
- (11) **WO 02/40579** (13) A1
- (21) PCT/EP01/13067
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 0027876.2 **15 Nov/nov 2000 GB (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COATED FILMS AND COATING COMPOSITIONS
• FILMS A REVETEMENT ET COMPOSITIONS DE REVETEMENT
- (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) **COWTON, Lucy** [GB/GB]; Station Road, Wigton, Cumbria CA7 9BG (GB).

(74) **KIRK, Martin**; Ucb, S.A., Intellectual Property Department, Allée de la Recherche, 60, B-1070 Brussels (BE).

(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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (q1)

(51)⁷ **C08J 7/12 // C08L 23:02**

(11) **WO 02/40580** (13) A1

(21) PCT/EP01/13199

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 00125037.2 **16 Nov/nov 2000 EP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **PROCESS FOR PRIMING POLY-OLEFIN SURFACES**

● **PROCEDE D'APPRETAGE DE SURFACES POLYOLEFINIQUES**

(71) **BOREALIS TECHNOLOGY OY** [FI/FI]; P.O. Box 330, FIN-06101 Porvoo (FI).

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

(72, 75) **BØRVE, Kjetil, Larsen** [NO/NO]; Kalliåsen 23, N-3280 Tjodalving (NO). **RED-FORD, Keith** [GB/NO]; Likollen 70, N-1481 Hagan (NO). **THATCHER, Jane** [GB/NO]; Havanåsen 10, N-3213 Sandefjord (NO).

(74) **KADOR & PARTNER**; Corneliusstrasse 15, 80469 Munich (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C08J 9/08, 9/10, B60C 1/00, 11/00, A43B 1/10, 13/18, A43C 15/00**

(11) **WO 02/40581** (13) A1

(21) PCT/US01/43636

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/248,401 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **MICRO-CELLULAR CLOSED-CELL SPONGE RUBBER OUTERS**

● **ENVELOPPES EN CAOUTCHOUC SPONGIEUX A ALVEOLES FERMES MICRO-CELLULAIRES**

(71, 72) **COLE, Charles, D., III** [US/US]; 405 W. Palm Avenue, Redlands, CA 92373 (US).

(74) **KHORSANDI, Marilyn, R.**; Khorsandi Patent Law Group, ALC, Suite 312, 140 S. Lake, Pasadena, CA 91101-4710 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C08K 5/00, C08L 21/00 // (C08K 5/00, 5:5419, 5:548, 5:31, 5:3462, 5:103)**

(11) **WO 02/40582** (13) A1

(21) PCT/US00/31372

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **SILICA-REINFORCED RUBBER COMPOUNDED WITH AN ALKOXY-SILANE AND A STRONG ORGANIC BASE**

● **CAOUTCHOUC RENFORCE DE SILICE COMBINE AVEC UN ALCOXY-SILANE ET UNE BASE ORGANIQUE FORTE**

(71) **BRIDGESTONE CORPORATION** [JP/US]; 1200 Firestone Parkway, Akron, OH 44317-0001 (US).

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

(71, 72) **LIN, Chen-Chy** [—/US]; 4041 Longfellow Lane, Hudson, OH 44236 (US). **HERGENROTHER, William, L.** [US/US]; 195 Dorchester Road, Akron, OH 44313 (US). **HOGAN, Terrence, E.** [US/US]; 557 Westminster Circle, Akron, OH 44319 (US).

(74) **HORNICKEL, John, H.**; Bridgestone/Firestone, Inc., 1200 Firestone Parkway, Akron, OH 44317-0001 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

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

(51)⁷ **C08K 5/00, 5/098, C08G 63/183, C08J 5/18**

(11) **WO 02/40583** (13) A1

(21) PCT/US01/43790

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,203 **16 Nov/nov 2000 US (16.11.2000)**

(30) 10/000,617 **15 Nov/nov 2001 US (15.11.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **METHOD TO IMPROVE PROPERTIES OF POLY(TRIMETHYLENE TEREPHTHALATE) FILM**

● **PROCEDE D'AMELIORATION DES PROPRIETES DE FILMS DE POLY(TRIMETHYLENE TEREPHTHALATE)**

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 MARKET STREET, WILMINGTON, DE 19898 (US).

(72) **VISIOLI, Donna, Lynn**; 38 Austin Circle, Lower Gwynedd, PA 19002 (US).

(74) **STEVENSON, Robert, B.**; E.I. DUPONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 1007 Market Street, Wilmington, DE 19898 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C08K 5/315, 5/00, C08L 27/06, C08K 13/02, 3/16, 7/00, 3/00**

(11) **WO 02/40584** (13) A1

(21) PCT/EP01/12855

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) de (26) de

(30) 100 56 880.7 **16 Nov/nov 2000 DE (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **STABILIZER COMPOSITION FOR ORGANIC PLASTICS CONTAINING HALOGEN**

● **COMPOSITION DE STABILISATEUR POUR MATIERES PLASTIQUES ORGANIQUES HALOGENEES**

(71) **COGNIS DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

(72) **DAUTE, Peter**; Adolf-Butenandt-Strasse 25a, 27616 Beverstedt (DE). **KLAMANN,**

Jörg-Dieter; Im Schiffsmoor 8d, 27574 Bremerhaven (DE). **WEDL, Peter**; Löningstr. 13, 27568 Bremerhaven (DE). **FLEDER, Thomas**; Luneweg 4, 27612 Loxstedt (DE).

(81) BR JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ C08L 19/00, 15/00

(11) WO 02/40585 (13) A1

(21) PCT/EP01/13052

(22) 7 Nov/nov 2001 (07.11.2001)

(25) en (26) en

(30) MI2000A002460 16 Nov/nov 2000 IT (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ELASTOMERIC COMPOSITION COMPRISING A FUNCTIONALIZED ELASTOMER

• COMPOSITION ELASTOMERE
CONTENANT UN ELASTOMERE
FONCTIONNALISE

(71) ENICHEM S.P.A. [IT/IT]; Piazza Boldrini 1, I-20097 San Donato Milanese (IT).

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

(72, 75) BIGGL, Aroldo [IT/IT]; Via Europa, 20, I-20097 San Donato Milanese (IT).

ARCOLEO Cristina [IT/IT]; Via Sporting Mirasole, 54, I-20090 Opera (IT).

VITALINI SACCONI, Luca [IT/IT]; Via Bianchi, 12, I-20090 Segrate (IT).

(74) DE GREGORI, Antonella et al. / etc.; Ing. Barzanó & Zanardo, Milano S.p.A., Via Borgonuovo, 10, I-20121 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08L 21/00, 19/00, B60C 1/00

(11) WO 02/40586 (13) A1

(21) PCT/EP01/12674

(22) 2 Nov/nov 2001 (02.11.2001)

(25) de (26) de

(30) 100 56 311.2 14 Nov/nov 2000 DE (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • RUBBER COMPOUNDS THAT CONTAIN GELS AND INORGANIC PEROXIDES

• MELANGES DE CAOUTCHOUC
CONTENANT DES PEROXYDES
INORGANQUES

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) OBRECHT, Werner [DE/DE]; Beethovenstrasse 4, 47447 Moers (DE).
SUMNER, Anthony [GB/DE]; Dreisamweg 48, 51061 Köln (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08L 23/00, C08K 5/1575 // C11B 9/00, C07D 493/04

(11) WO 02/40587 (13) A1

(21) PCT/JP01/09770

(22) 8 Nov/nov 2001 (08.11.2001)

(25) ja (26) ja

(30) 2000-347467 15 Nov/nov 2000 JP (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DIBENZYLIDENESORBITOL COMPOSITION AND POLYOLEFIN RESIN COMPOSITION CONTAINING THE SAME

• COMPOSITION DE DIBENZYLIDENE-SORBITOL ET RESINE POLYOLEFINIQUE CONTENANT CETTE COMPOSITION

(71) NEW JAPAN CHEMICAL CO., LTD. [JP/JP]; 13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8224 (JP).

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

(72, 75) UEOKA, Chiaki [JP/JP]; 5-377-32, Minamikyobate-cho, Nara-shi, Nara 630-8141 (JP).
ISHIKAWA, Masahide [JP/JP]; 39-989, Okurayama, Kohata, Uji-shi, Kyoto 611-0002 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ C08L 23/16, 23/10

(11) WO 02/40588 (13) A1

(21) PCT/EP01/13303

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/712,166 15 Nov/nov 2000 US (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMPOSITION BASED ON PROPYLENE POLYMERS AND PROCESS FOR OBTAINING

• COMPOSITION A BASE DE POLYMERES DE PROPYLENE ET PROCESUS D'OBTENTION

(71) POLYPROPYLENE BELGIUM (NAAMLOZE VENNOOTSCHAP) [BE/BE]; Scheldelaan, 480, B-2040 Antwerpen (BE).

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

(72, 75) DELAITE, Emmanuel [BE/BE]; rue d'Italie, 10, B-7090 Braine-Le-Comte (BE).

CUYPERS, Hervé [BE/BE]; avenue des Fauvettes, 1, B-1341 Ceroux-Mousty (BE).

(74) DESTRYKER, Elise; Solvay Polyolefins Europe-belgium (Société Anonyme), Département de la Propriété Intellectuelle, rue de Ransbeek, 310, B-1120 Brussels (BE).

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 C08L 63/00, H01B 3/40

(11) WO 02/40589 (13) A1

(21) PCT/DE01/04268

(22) 14 Nov/nov 2001 (14.11.2001)

(25) de (26) de

(30) 100 57 111.5 16 Nov/nov 2000 DE (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • THERMALLY CONDUCTIVE CASTING COMPOUND

- MASSE DE REMPLISSAGE
- (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) **JENNRICH, Irene** [DE/DE]; Birkmannsweiler Str. 19, 71364 Winnenden (DE). **LEO, Kristian** [DE/DE]; Goethestr. 5/4, 71576 Murr (DE). **MUZIC, Markus** [DE/DE]; Neuer Weg 16, 71711 Murr (DE). **ENDRES, Wolfgang** [DE/DE]; Krokusweg 5, 73630 Remshalden (DE).
- (81) AU BR CA CN CZ HR HU ID IL IN JP KR MK MX NZ PL RO RU SG SI SK UA US YU ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

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- (51)⁷ **C08L 67/02 // (C08L 67/02, 69:00)**
- (11) **WO 02/40590** (13) A2
- (21) PCT/US01/49657
- (22) **26 Oct/oct 2001 (26.10.2001)**
- (25) en (26) en
- (30) 60/245,890 **3 Nov/nov 2000** US
(03.11.2000)
- (30) 09/946,989 **5 Sep/sep 2001** US
(05.09.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • BLENDS OF POLYCARBONATE AND POLYESTER AND SHEETS AND FILMS FORMED THEREFROM
- MELANGES DE POLYCARBONATE ET DE POLYESTER ET FEUILLES ET PELLICULES FORMEES A PARTIR DE CES MELANGES
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) **WILLIAMS, James, Carl**; 790 Harr Town Road, Blountville, TN 37617 (US). **THOMPSON, John, Guthrie**; 614 Lazy Lane, Kingsport, TN 37663 (US). **CONN, Roy, Lee**; 8435 Pebble Creek Way #24-103, Highlands Ranch, CO 80126 (US).
- (74) **TUBACH, Cheryl, J.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) BR CN JP MX.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)⁷ **C08L 77/06, 77/00**
- (11) **WO 02/40591** (13) A1
- (21) PCT/EP01/13237
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 57 455.6 **20 Nov/nov 2000** DE
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • POLYAMIDE MOULDING MATERIAL WITH IMPROVED PROPERTIES
- MATIERES DE MOULAGE POLYAMIDES A PROPRIETES AMELIOREES
- (71) **EMS-CHEMIE AG** [CH/CH]; Reichenauerstrasse, CH-7013 Domat/Ems (CH).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BÜHLER, Friedrich, Severin** [DE/CH]; Schützenweg 14, CH-7430 Thusis (CH). **SCHWITZER, Alwin, Hermann** [DE/CH]; Via Calundis, CH-7013 Domat/Ems (CH).
- (74) **BECKER, Eberhard**; Becker Kurig Straus, Bavariastr. 7, 80336 München (DE).
- (81) BR JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)⁷ **C08L 83/04**
- (11) **WO 02/40592** (13) A2
- (21) PCT/US01/44668
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 09/715,963 **17 Nov/nov 2000** US
(17.11.2000)
- (30) Not furnished / non communiqué **19 Nov/nov 2001** US
(19.11.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MOLDABLE SILICONE ELASTOMERS HAVING SELECTIVE PRIMERLESS ADHESION
- ELASTOMERES DE SILICONE MOUTABLES PRESENTANT UNE ADHESIVITE SELECTIVE SANS PRIMAIRE
- (71) **BRYANT RUBBER CORPORATION** [US/US]; 1112 Lomita Boulevard, Harbor City, CA 90710 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **ZIEBELL, Rick, A.** [US/US]; 1864 South Watson, La Habra, CA 90631 (US).

- (74) **BERMAN, Rod, S.**; Jeffer, Mangels, Butler & Marmaro LLP, 10th floor, 2121 Avenue of Stars, Los Angeles, CA 90067 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **C08L 101/00**
- (11) **WO 02/40593** (13) A2
- (21) PCT/IB01/02109
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 2000/6599 **14 Nov/nov 2000** ZA
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESS FOR THE MANUFACTURE OF A FLAT OR SHAPED SHEET PRODUCT
- PROCEDE DE FABRICATION D'UN PRODUIT DE FORME PLATE OU EN FORME DE FEUILLE

- (71) **BALMORAL TECHNOLOGIES (PROPRIETARY) LIMITED** [ZA/ZA]; Building 16, CSIR Campus Meiring Naude Road, Scientia, 0002 Pretoria (ZA).
(only for / seulement pour ZA)
- (71) **WINDSOR TECHNOLOGIES LIMITED** [BS/BS]; Sandringham House, 83 Shirley Street, Nassau (BS).
(for all designated States except / pour tous les États désignés sauf US ZA)
- (72, 75) **SYMONS, Michael, Windsor** [GB/ZA]; 16 Luipaards Avenue, Monument Park, 0181 Pretoria (ZA).
- (74) **GILSON, David, Grant** et al. / etc.; Spoor and Fisher, P.O. Box 41312, 2024 Craighall (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **C08L 101/00, C08K 5/00, H01M 10/40**
- (11) **WO 02/40594** (13) A1
- (21) PCT/JP01/09921
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) ja (26) ja
- (30) 2000-346555 **14 Nov/nov 2000** JP
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ION-CONDUCTIVE MATERIAL CONTAINING COMBINED LOW-MOLECULAR COMPOUND HAVING HYDROGEN BOND PART
- MATERIAU CONDUCTEUR D'IONS CONTENANT UN COMPOSE A FAIBLE POIDS MOLECULAIRE COMBINE POSSEDANT UNE PARTIE CAPABLE DE SE LIER A L'HYDROGENE
- (71) **NIPPON SODA CO., LTD.** [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ABE, Satoru** [JP/JP]; c/o R & D Laboratory for Specialty, Chemicals, Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP).
- (74) **TOKAI, Yusaku** et al. / etc.; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ **C09B 67/00, 41/00**

(11) **WO 02/40595** (13) A1

(21) PCT/EP01/12928

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 00811093.4 **17 Nov/nov 2000 EP
(17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD OF IMPROVING PIGMENT
FLUORESCENCE

● PROCEDE D'AMELIORATION DE LA
FLUORESCENCE DES PIGMENTS

(71) **CIBA SPECIALTY CHEMICALS
HOLDING INC.** [CH/CH]; Klybeckstrasse
141, CH-4057 Basel (CH).

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

(72, 75) **FRASER, Iain, Frank** [GB/GB]; 45
Stoneyholm Road, Kilbirnie KA25 7JS (GB).
WILSON, Sharon, Kathleen [GB/NL];
Borneokade 281, NL-1019 XG Amsterdam
(NL). **MACPHERSON, Ian, Alexander**
[GB/GB]; Kirklands, Balcomie Road, Craik,
Fife KY10 3TN (GB).

(74) **CIBA SPECIALTY CHEMICALS
HOLDING INC.**; Patentabteilung, Kly-
beckstrasse 141, CH-4057 Basel (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 SI SK SL TJ TM TR TT TZ
UA UG US VZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **C09B 67/00**

(11) **WO 02/40596** (13) A2

(21) PCT/US01/51395

(22) **1 Nov/nov 2001 (01.11.2001)**

(25) en (26) en

(30) 09/714,657 **16 Nov/nov 2000 US
(16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● TREATMENT OF HIGH PER-
FORMANCE PIGMENTS WITH
ETHERAMINE DISPERSING SALTS

● TRAITEMENT DE PIGMENTS HAUTE
PERFORMANCE A L'AIDE DE SELS
DISPERSANT L'ETHERAMINE

(71) **SUN CHEMICAL CORPORATION**
[US/US]; 222 Bridge Plaza South, Fort Lee,
NJ 07024 (US).

(72) **ROBERTSON, George, H.**; 9177 Pinewood
Drive, Loveland, OH 45140 (US). **ARTHUR,
Kevin, A.**; 5287 Kindewood Drive, Butler,
OH 45069 (US). **SCHWARTZ, Russell, J.**;
8300 Monte Drive, Cincinnati, OH 45242

(US). **VILNER, Stanislav**; 3668 Wood Trail
Drive, Mason, OH 45040 (US). **MCLAREN,
George**; 8595 E. Jonathon Lane, Maineville,
OH 45039 (US).

(74) **PERSLEY, Sidney**; 222 Bridge Plaza South,
Fort Lee, NJ 07024 (US).

(81) CA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **C09C**

(11) **WO 02/40597** (13) A2

(21) PCT/US01/32061

(22) **11 Oct/oct 2001 (11.10.2001)**

(25) en (26) en

(30) 60/240,190 **11 Oct/oct 2000 US
(11.10.2000)**

(30) Not furnished / **11 Oct/oct 2001 US
non communiqué (11.10.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● TITANIUM DIOXIDE PIGMENT COM-
POSITION

● COMPOSITION DE PIGMENT A BASE
DE DIOXYDE DE TITANE

(71) **ITOCHU SPECIALTY CHEMICALS
INC.** [US/US]; 660 White Plains Road, 3rd
Floor, Tarrytown, NY 10591 (US).

(72) **KRIZAN, Jeffrey, F.**; 133 Cobbler Lane,
Southbury, CT 06488 (US).

(74) **GOLDBERG, Jules, E.** et al. / etc.; Reed
Smith LLP, 375 Park Avenue, New York, NY
10152 (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 PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

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

(51)⁷ **C09C**

(11) **WO 02/40598** (13) A2

(21) PCT/US01/50972

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) en (26) en

(30) 09/695,746 **24 Oct/oct 2000 US
(24.10.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● VACUUM-DEPOSITED COLORANTS

● COLORANTS DEPOSES SOUS VIDE

(71) **SIGMA TECHNOLOGIES INTERNA-
TIONAL, INC.** [US/US]; 10960 N. Stallard
Place, Tucson, AZ 85737 (US).

(72) **MIKHAEL, Michael, G.**; 3349 N. Manor
Drive, Tucson, AZ 85750 (US). **YIALIZIS,
Angelo**; 11060 N. Poinsettia Drive, Tucson,
AZ 85737 (US).

(74) **DURANDO, Antonio, R.**; Durando Bird-
well & Janke, P.L.C., 2929 E. Broadway
Boulevard, Tucson, AZ 85716 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 **C09C 1/00**

(11) **WO 02/40599** (13) A1

(21) PCT/US01/20899

(22) **29 Jul/juil 2001 (29.07.2001)**

(25) en (26) en

(30) 09/715,937 **17 Nov/nov 2000 US
(17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● LUMINESCENT PIGMENTS AND
FOILS WITH COLOR-SHIFTING PROP-
ERTIES

● PIGMENTS LUMINESCENTS ET
FEUILLES A PROPRIETES DE VA-
RIATION CHROMATIQUE

(71) **FLEX PRODUCTS, INC.** [US/US]; 1402
Mariner Way, Santa Rosa, CA 95407-7370
(US).

(72) **COOMBS, Paul, G.**; 4733 Devonshire
Place, Santa Rosa, CA 95405 (US). **ZIEBA,
Jaroslav**; 4047 Rainier Court, Santa Rosa,
CA 95405 (US). **BRADLEY, Richard, A.
Jr.**; 1426 Lawrence Way, Santa Rosa, CA
95401 (US). **LANTMAN, Christopher, W.**;
2221 Mission Boulevard, Santa Rosa, CA
95409 (US). **MAYER, Thomas**; 2490 Mark
West Springs Road, Santa Rosa, CA 95404
(US). **PHILLIPS, Roger, W.**; 466 Jacqueline
Drive, Santa Rosa, CA 95405 (US). **YA-
MANAKA, Stacey, A.**; 7059 Hasting Place,
Windsor, CA 95492 (US).

(74) **SEELEY, David, O.** et al. / etc.; Workman,
Nydegger & Seeley, 1000 Eagle Gate Tower,
60 East South Temple, Salt Lake City, UT
84111 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : EP (AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for the following designations / pour les
désignations suivantes : EP (AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(51)⁷ **C09C 1/00**

(11) **WO 02/40600** (13) A1

(21) PCT/US01/20916

(22) **29 Jun/juin 2001 (29.06.2001)**

(25) en (26) en

(30) 09/715,934 **17 Nov/nov 2000 US
(17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COLOR-SHIFTING PIGMENTS AND FOILS WITH LUMINESCENT COATINGS

• PIGMENTS A VARIATION CHROMATIQUE ET FEUILLES DOTEES D'INDUCTIONS LUMINESCENTES

(71) **FLEX PRODUCTS, INC.** [US/US]; 1402 Mariner Way, Santa Rosa, CA 95407-7370 (US).(72) **MAYER, Thomas**; 2490 Mark West Springs Road, Santa Rosa, CA 95404 (US). **YAMANAKA, Stacey, A.**; 7059 Hastings Place, Windsor, CA 95492 (US). **ZIEBA, Jaroslav**; 4047 Rainier Court, Santa Rosa, CA 95405 (US).(74) **SEELEY, David, O.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(51)⁷ C09D 1/00(11) **WO 02/40601** (13) A1

(21) PCT/JP01/09932

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-386121 **15 Nov/nov 2000 (15.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • TITANIUM OXIDE BASED HEAT RADIATING COATING MATERIAL

• MATERIAU DE REVETEMENT A RAYONNEMENT THERMIQUE A BASE D'OXYDE DE TITANE

(71, 72) **SORA, Kayoko** [JP/JP]; 1-1-101, Toyogaoka 3-chome, Tama-shi, Tokyo 206-0031 (JP).

(81) CN DE GB JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C09D 4/00, C07C 49/80(11) **WO 02/40602** (13) A1

(21) PCT/EP01/13130

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 00811098.3 **20 Nov/nov 2000 (20.11.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) • FLUORINATED-PHOTOINITIATORS IN DUAL CURE RESINS

• PHOTOAMORCEURS FLUORES UTILISES DANS LES RESINES A DOUBLE POLYMERISATION

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

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

(72, 75) **BAUDIN, Gisèle** [CH/CH]; Baselmattweg 141, CH-4123 Allschwil (CH). **JUNG, Tunja** [DE/DE]; Büttmattweg 39, 79594 Inzlingen (DE). **HÜSLER, Rinaldo** [CH/CH]; Näfelferstrasse 41, CH-4055 Basel (CH).(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 4/00(11) **WO 02/40603** (13) A2

(21) PCT/US01/47029

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) en (26) en

(30) 2000-350089 **16 Nov/nov 2000 (16.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • WATER-REPELLENT, OIL-REPELLENT AND SOIL RESISTANT COATING COMPOSITION

• COMPOSITION DE REVETEMENT IMPERMEABLE, OLEOFUGE ET RESISTANTE AUX SALISSURES

(71) **3M INNOVATIVE PROPERTIES COMPANY** [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) **YANOME, Hideto** [JP/JP]; 11-2-103 Oyama 2-chome, Sagami-hara-city, Kanagawa 229-11 (JP).(74) **JORDAN, Robert, H.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

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

(51)⁷ C09D 5/00, 129/04, 131/04, 201/02(11) **WO 02/40604** (13) A2

(21) PCT/EP01/13026

(22) **10 Nov/nov 2001 (10.11.2001)**

(25) de (26) de

(30) 100 57 464.5 **20 Nov/nov 2000 (20.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • ANTI-FINGERPRINT COATING OF METAL SURFACES AND PREPARATIONS SUITED THEREFOR

• REVETEMENT ANTI-TRACES DE DOIGT DE SURFACES METALLIQUES ET COMPOSITIONS ADAPTEES POUR CES REVETEMENTS

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

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

(72, 75) **KASPER, Dirk** [DE/DE]; Schlesische Str. 49, 40231 Düsseldorf (DE). **PABMANN, Matthias** [DE/DE]; Kölner Landstrasse 44, 40591 Düsseldorf (DE). **BÖGE, Kai** [DE/DE]; Rosellenezstrasse 39, 41470 Neuss (DE).

(81) AU BG BR BY CA CN CZ DZ HU ID IL IN JP KR MX NO NZ PL RO RU SG SI SK UA US UZ VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C09D 5/44(11) **WO 02/40605** (13) A2

(21) PCT/US01/50964

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) en (26) en

(30) 09/692,032 **19 Oct/oct 2000 (19.10.2000)** US(30) 09/749,092 **27 Dec/déc 2000 (27.12.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • CONCENTRATE SUITABLE FOR THE PREPARATION OF CATHODIC ELECTRODEPOSITION COATING COMPOSITIONS

• CONCENTRE ADAPTE A LA PREPARATION DE COMPOSITIONS DE REVETEMENT D'ELECTRODEPOSITION CATHODIQUE

(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) **KLEIN, Klausjoerg** [DE/DE]; Richard-Strauss-Allee 33, 42289 Wuppertal (DE). **HOENIG, Helmut** [AT/AT]; Notstrasse 11, A-8062 Kumberg (AT). **PAMPOUCHIDIS, Georg** [AT/AT]; Obere Teichstrasse 31, A-8010 Graz (AT). **MATZER, Herbert** [AT/AT]; Grossgrabenweg 21, A-8010 Graz (AT). **VALTROVIC, Manfred** [AT/AT]; Hauseggerstrasse 61, A-8020 Graz (AT).

- (74) **BENJAMIN, Steven, C.**; E.I. DUPONT DE NEMOURS AND COMPANY, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/40606** (13) A2
- (21) PCT/CH01/00558
- (22) **17 Sep/sep 2001 (17.09.2001)**
- (25) de (26) de
- (30) 100 57 327.4 **17 Nov/nov 2000 DE (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR PRODUCING PRINTING INKS
- PROCEDE ET DISPOSITIF POUR PRODUIRE UNE ENCRE D'IMPRIMERIE
- (71) **BÜHLER AG** [CH/CH]; Bahnhofstrasse, CH-9240 Uzwil (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STALDER, Bernhard** [CH/CH]; Obere Rosenbergstrasse 1b, CH-9244 Niederuzwil (CH). **HALTER, Roland** [CH/CH]; Röteli-strasse 6, CH-9000 St.Gallen (CH). **ALMER, Walter** [CH/CH]; Weingartenstrasse 31, CH-9242 Oberuzwil (CH). **TSCHUDY, Roland** [CH/CH]; im Buchewald, CH-9242 Oberuzwil (CH).
- (74) **BÜHLER AG**; Bahnhofstrasse, CH-9240 Uzwil (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/14, B42D 15/10, B41M 5/26**
- (11) **WO 02/40607** (13) A1
- (21) PCT/JP01/10065
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-349849 **16 Nov/nov 2000 JP (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LATENT IMAGE-USE PRINTING INK COMPOSITION, PRINTED MATTER CONTAINING LATENT IMAGE RECORDED BY THE INK COMPOSITION, READING METHOD BY LATENT IMAGE INFORMATION AND LATENT IMAGE INFORMATION READING DEVICE
- COMPOSITION D'ENCRE D'IMPRESION POUR APPLICATION FAISANT INTERVENIR UNE IMAGE LATENTE, IMPRIME CONTENANT L'IMAGE LATENTE ENREGISTREE PAR LA COMPOSITION D'ENCRE, PROCEDE DE LECTURE DES INFORMATIONS CONTENUES DANS L'IMAGE LATENTE ET DISPOSITIF DE LECTURE DES INFORMATIONS CONTENUES DANS L'IMAGE LATENTE
- (71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **FUJITSU ISOTEC LIMITED** [JP/JP]; 1405, Oaza Ohmaru, Inagi-shi, Tokyo 206-8503 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEKIOKA, Chiaki** [JP/JP]; C/O FUJITSU ISOTEC LIMITED, 1405, Oaza Ohmaru, Inagi-shi, Tokyo 206-8503 (JP). **MAETANI, Muneo** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **HIRASAWA, Yoichi** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (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 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 191/00, 5/00, 101/02, 103/02, 105/00, 193/00, C10M 159/02, 137/02, F16B 33/06 // C10N 40/00**
- (11) **WO 02/40608** (13) A1
- (21) PCT/JP01/09724
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) ja (26) ja
- (30) 2000-348650 **15 Nov/nov 2000 JP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • TIGHTENING MEMBER, COMPOSITION OF PAINT FOR THE MEMBER, AND TIGHTENING DEVICE
- ELEMENT DE SERRAGE, COMPOSITION DE PEINTURE POUR LEDIT ELEMENT ET DISPOSITIF DE SERRAGE
- (71) **MEIRA KABUSHIKI KAISHA** [JP/JP]; 17-15, Tsubaki-cho, Nakamura-ku, Nagoya-shi, Aichi 453-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKEZAWA, Hikaru** [JP/JP]; C/O MEIRA KABUSHIKI KAISHA, 81-1, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).
- (74) **KABASAWA, Joo** et al. / etc.; NSO BLDG., 1-22, Shinjuku 3-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C09D 201/00, 1/00, 5/16, 7/12 // B01J 21/06, 35/02**
- (11) **WO 02/40609** (13) A1
- (21) PCT/JP01/10037
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351560 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COATING RESPONDING TO VISIBLE LIGHT, COATING FILM AND ARTICLE
- REVÊTEMENT RÉAGISSANT À LA LUMIÈRE VISIBLE, FILM DE REVÊTEMENT ET ARTICLE
- (71) **ECODEVICE LABORATORY CO., LTD.** [JP/JP]; 7-4, Koyata 3-chome, Iruma-shi, Saitama 358-0026 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUGIHARA, Shinichi** [JP/JP]; 12-37, Umeaoka, Aoba-ku, Yokohama-shi, Kanagawa 227-0052 (JP).
- (74) **SHIOZAWA, Hisao** et al. / etc.; 8th Floor, Kyobashi Nissshoku Bldg., 8-7, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C09J 153/02, 125/10, B32B 7/12, B65D 77/20 // (C09J 125/10, 123:04) (C09J 153/02, 123:04)**
- (11) **WO 02/40610** (13) A1
- (21) PCT/FR01/03600
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) fr (26) fr
- (30) 00/14854 **17 Nov/nov 2000 FR (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • BONDING COMPOSITION WITH COHESIVE FAILURE

• NOUVELLE COMPOSITION COL-LANTE

(71) **SOPLARIL S.A.** [FR/FR]; 1, rue de l'Union, F-92500 Rueil Malmaison (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGELAERE, Jean-Claude** [FR/FR]; 77, rue des Forts, F-59210 Coudekerke-Branche (FR).

(74) **POCHART, François** et al. / etc.; Cabinet Hirsch-Pochart, 34, rue de Bassano, F-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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ **C09J 153/02, C08F 297/04**

(11) **WO 02/40611** (13) A1

(21) PCT/JP01/10122

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) ja (26) ja

(30) 2000-352696 **20 Nov/nov 2000 (20.11.2000)** JP

(30) 2001-189762 **22 Jun/juin 2001 (22.06.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • PRESSURE-SENSITIVE ADHESIVE/ADHESIVE AND BLOCK COPOLYMER SUITABLE FOR USE THEREIN

• ADHESIF AUTOCOLLANT OU COLLE ET COPOLYMERE BLOC CONVENANT A CET EFFET

(71) **KURARAY CO., LTD.** [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 (JP).

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

(72, 75) **MORISHITA, Yoshihiro** [JP/JP]; c/o **KURARAY CO., LTD.**, 41, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 (JP). **NAKATA, Hiromichi** [JP/JP]; c/o **KURARAY CO., LTD.**, 41, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 (JP). **HAMADA, Kenichi** [JP/JP]; c/o **KURARAY CO., LTD.**, 41, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 (JP). **ISHIURA, Kazushige** [JP/JP]; c/o **KURARAY CO., LTD.**, 41, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 (JP).

(74) **KUZUWA, Kiyoshi**; Patent Attorneys, KUZUWA & PARTNERS, AOI Bldg., Honshio-cho 19, Shinjuku-ku, Tokyo 160-0003 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C09K 7/06, 7/00**

(11) **WO 02/40612** (13) A1

(21) PCT/US01/48115

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 09/712,087 **14 Nov/nov 2000 (14.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • STABLE LIQUID SUSPENSION COMPOSITIONS AND METHOD OF MAKING AND USE THEREOF

• COMPOSITIONS A SUSPENSION LIQUIDE STABLE ET PROCEDE DE FABRICATION ET D'UTILISATION DESDITES COMPOSITIONS

(63) US 09/712,087 (CON)
14 Nov/nov 2000 (14.11.2000)

(71) **CHEVRON PHILLIPS CHEMICAL COMPANY LP** [US/US]; 1301 McKinney Road, Suite 3450, Houston, TX 77010 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOX, Kelly, B.** [US/US]; 4692 Clearview Drive, Bartlesville, OK 74006 (US).

(74) **RICHARDS, John** et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **C09K 9/04**

(11) **WO 02/40613** (13) A1

(21) PCT/EP01/12957

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) de (26) de

(30) 100 56 606.5 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • USE OF LIQUIDS CONTAINING 1,1,1,3,3-PENTAFLUOROBUTANE AS COOLING AGENTS OR HEAT CARRIERS

• UTILISATION DE MELANGES RENFERMANT DU 1,1,1,3,3-PENTAFLUOROBUTANE COMME AGENT REFRIGERANT OU COMME CALOPORTEUR

(71) **SOLVAY FLUOR UND DERIVATE GMBH** [DE/DE]; Hans-Böckler-Allee 20, 30173 Hannover (DE).

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

(72, 75) **JANNICK, Peter** [DE/DE]; Schlägerstrasse 46, 30171 Hannover (DE). **MEURER, Christoph** [DE/DE]; Eckerstrasse 9, 30161 Hannover (DE).

(74) **KULIK, Angelika**; c/o Solvay Pharmaceuticals GmbH, Hans-Böckler-Allee 20, 30173 Hannover (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C09K 19/58, 19/20, C07C 69/76**

(11) **WO 02/40614** (13) A1

(21) PCT/EP01/10944

(22) **21 Sep/sep 2001 (21.09.2001)**

(25) en (26) en

(30) 00124365.8 **20 Nov/nov 2000 (20.11.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) • CHIRAL PHOTOISOMERIZABLE COMPOUNDS

• COMPOSES PHOTOISOMERISABLES CHIRAUX

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Str. 250, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAUGHAN-SPICKERS, Julian** [GB/GB]; 51 Mortimer Way, North Baddesley, Southampton, Hampshire SO52 9NE (GB). **DUNN, Christopher** [GB/GB]; Flat 4, Kingfisher Court, Highfield Road, Southampton, Hampshire SO17 1UN (GB). **HARDING, Richard** [GB/GB]; 4 Elland Close, Fair Oak, Eastleigh, Hampshire SO50 7JY (GB). **HASSALL, Ian** [GB/GB]; 8 Holm Close, Poulner, Ringwood, Hampshire BH24 1XL (GB). **JENKINS, Tony** [GB/GB]; 1 Hudson Close, Poulner, Ringwood, Hampshire BH24 1XL (GB). **MAY, Alison** [GB/GB]; 10 Hadrian Way, Corfe Mullen, Wimborne, Dorset BH21 3XF (GB). **GREENFIELD, Simon** [GB/GB]; 192 Rempstone Road, Wimborne, Dorset BH21 1SY (GB).

(74) **MERCK PATENT GMBH**; Frankfurter Str. 250, 64293 Darmstadt (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Str. 250, 64293 Darmstadt (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **C10B 41/00, 29/02, G01B 11/16, 11/30, G01N 21/88**

(11) **WO 02/40615** (13) A1

(21) PCT/JP01/09966

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-347150 **14 Nov/nov 2000 JP (14.11.2000)**

(30) 2001-209046 **10 Jul/juillet 2001 JP (10.07.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR MEASURING WIDTH OF FURNACE

• DISPOSITIF ET PROCEDE PERMETTANT DE MESURER LA LARGEUR D'UN FOUR

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

(72) **SUGIURA, Masato**; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **NAITO, Shuji**; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **KAJIYA, Takanori**; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **YOKOMIZO, Masahiko**; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **SAKAIDA, Michitaka**; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **EGAWA, Hizuru**; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) BR CN KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **C10B 57/06, C04B 35/52**

(11) **WO 02/40616** (13) A1

(21) PCT/JP01/09440

(22) **26 Oct/oct 2001 (26.10.2001)**

(25) ja (26) ja

(30) 2000-349779 **16 Nov/nov 2000 JP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • AMORPHOUS COKE FOR SPECIAL CARBONACEOUS MATERIAL AND PROCESS FOR PRODUCING THE SAME

• COKE AMORPHE POUR MATERIAU CARBONE SPECIAL; PROCEDE DE FABRICATION

(71) **NIPPON STEEL CHEMICAL CO., LTD.** [JP/JP]; 21-11, Nishi Gotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).

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

(72, 75) **IKEDA, Taisa** [JP/JP]; 4-10-3-107, Nakai, Kokurakita-ku, Kitakyushu-shi, Fukuoka 803-0836 (JP). **FUKUDA, Tetsusei** [JP/JP]; 4-7-5-201, Nakai, Kokurakita-ku, Kitakyushu-shi, Fukuoka 803-0836 (JP). **KAWANO, Yoichi** [JP/JP]; 4-6-14-601, Nakai, Kokurakita-ku, Kitakyushu-shi, Fukuoka 803-0836 (JP).

(74) **FUJIMOTO, Eisuke** et al. / etc.; c/o Fujimoto Patent & Law Office, Room 317 Sanno Grand Building 3F., 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C10G 65/16**

(11) **WO 02/40617** (13) A1

(21) PCT/JP01/10042

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-351082 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF DESULFURIZING GAS OIL FRACTION, DESULFURIZED GAS OIL, AND DESULFURIZER FOR GAS OIL FRACTION

• PROCÉDÉ DE DÉSULFURATION DE FRACTION GAZOLE, GAZOLE DÉSULFURÉ, ET DÉSULFURANT POUR FRACTION GAZOLE

(71) **JGC CORPORATON** [JP/JP]; 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

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

(72, 75) **NAGAMATSU, Shigeki** [JP/JP]; c/o JGC CORPORATION, 2-3-1, Minatomirai, Nishi-ku, Yokohama-shi, Kanagawa 220-6001 (JP). **ABE, Jun** [JP/JP]; c/o JGC CORPORATION Research & Development Center, 2205, Narita-cho, Oarai-machi, Higashiibaraki-gun, Ibaraki 311-1313 (JP). **SUGIMOTO, Akira** [JP/JP]; c/o JGC CORPORATION, 2-3-1, Minatomirai, Nishi-ku, Yokohama-shi, Kanagawa 220-6001 (JP). **INOMATA, Makoto** [JP/JP]; c/o JGC CORPORATION Research & Development Center, 2205, Narita-cho, Oarai-machi, Higashiibaraki-gun, Ibaraki 311-1313 (JP). **WATANABE, Tetsuya** [JP/JP]; c/o JGC CORPORATION, 2-3-1, Minatomirai, Nishi-ku, Yokohama-shi, Kanagawa 220-6001 (JP).

(74) **SUZUKI, Shunichiro**; SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C10J 1/00, 3/00**

(11) **WO 02/40618** (13) A1

(21) PCT/US01/43773

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,634 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SMALL SCALE HIGH THROUGHPUT BIOMASS GASIFICATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE GAZEIFICATION DE LA BIOMASSE A ECHELLE REDUITE ET FORT DEBIT

(71) **FUTURE ENERGY RESOURCES CORPORATION** [US/US]; 3500 Parkway Lane, Suite 450, Norcross, GA 30092 (US).

(72) **PAISLEY, Mark, A.**; 2720 Bristol Road, Upper Arlington, OH 43221 (US).

(74) **WILLIAMS, Roger, S.**; Troutman Sanders LLP, Suite 5200, 600 Peachtree Street, Atlanta, GA 30308 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C10K 3/00**

(11) **WO 02/40619** (13) A2

(21) PCT/EP01/13268

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 57 420.3 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • METHOD AND DEVICE FOR REDUCING THE CARBON MONOXIDE CONTENT IN A GAS STREAM CONTAINING HYDROGEN AND REFORMER SYSTEM
- PROCEDE ET DISPOSITIF POUR REDUIRE LA TENEUR EN MONOXYDE DE CARBONE D'UN FLUX GAZEUX CONTENANT DE L'HYDROGENE, ET INSTALLATION DE REFORMAGE
- (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). **ZIMMERMANN, Jörg** [DE/DE]; Auf dem Schelles 31, 53902 Bad Münstereifel (DE).
- (74) **KAHLHÖFER, Hermann**; Kahlhöfer Neumann Heilein, Karlstraße 76, 40210 Düsseldorf (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C10L 1/02**
- (11) **WO 02/40621** (13) A2
- (21) PCT/FR00/02233
- (22) **3 Aug/août 2000 (03.08.2000)**
- (25) fr (26) fr
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR PRODUCING ELECTRIC POWER FROM USED COOKING OILS
- PROCEDE DE PRODUCTION D'ENERGIE ELECTRIQUE A PARTIR D'HUILES DE FRITURE USAGES
- (71) **T.G.S. ROBIN (SOCIETE A RESPONSABILITE LIMITEE)** [FR/FR]; 339, route de l'Escarène, F-06440 La Grave de Peille (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **ROBIN, Jean-Pierre** [FR/FR]; 170, Avenue de Gairaut, Domaine de Châteauneuf, F-06100 Nice (FR).
- (81) AT CH ES PL PT RO RU US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **C11D**
- (11) **WO 02/40622** (13) A2
- (21) PCT/EP01/12734
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) en (26) en
- (30) 0027978.6 **16 Nov/nov 2000 GB (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • USE OF HIGH SOLIDS SOLUTION OF A CATIONIC COPOLYMER IN PERSONAL CARE FORMULATIONS AND PERSONAL CARE FORMULATIONS OBTAINED THEREFROM
- UTILISATION D'UNE SOLUTION A TENEUR ELEVEE EN SOLIDES DE COPOLYMERES CATIONIQUES DANS DES FORMULATIONS DE SOINS D'HYGIENE PERSONNELLE ET FORMULATIONS DE SOINS D'HYGIENE PERSONNELLE AINSI OBTENUES
- (71) **CIBA SPECIALTY CHEMICALS HOLDING INC** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COCKCROFT, Robert** [GB/GB]; 1 Westminster Crescent, Clayton, Bradford, West Yorkshire, BD14 6SH (GB). **RIDLEY, Eleanor, Bernice** [GB/GB]; 32 Pitchstone Court, Farnely Leeds, West Yorkshire LS12 5SZ (GB). **REYNOLDS, Valerie** [GB/GB]; 2 Wyke Lane, Oakenshaw, Bradford, West Yorkshire BD12 7ED (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C11D 3/00**
- (11) **WO 02/40623** (13) A2
- (21) PCT/US01/43285
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/252,342 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FABRIC SOFTENING COMPOSITIONS AND METHODS
- COMPOSITIONS ET PROCEDES ADOUCISSANTS DE TOILE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **TRINH, Toan**; 8671 Creekwood Lane, Maineville, OH 45039 (US). **SCHNEIDERMAN, Eva**; 3380 Danbury Road, Fairfield, OH 45014 (US). **STANTON, David, Thomas**; 6672 Forest Hill Lane, Hamilton, OH 45011 (US). **SMITH, John, William**; 1308 State Route 131, Milford, OH 45150 (US). **KRAMER, Michael, Lee**; 4343 Day Road, Cincinnati, OH 45252 (US). **TORDIL, Helen, Bernardo**; 20 Stonegate Court, Fairfield, OH 45014 (US). **FRANKENBACH, Gayle, Marie**; 10010 Voyager Lane, Cincinnati, OH 45252 (US). **LIU, Zaiyou**; 8040 Stone Barn Drive, West Chester, OH 45069 (US). **BARNABAS, Mary, Vijayarani**; 5777 Sawgrass Drive, West Chester, OH 45069 (US).
- (74) **REED, David, T.** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C11D 3/37**
- (11) **WO 02/40624** (13) A1
- (21) PCT/US01/43482
- (22) **14 Nov/nov 2001 (14.11.2001)**

- (25) en (26) en
(30) 60/249,242 **16 Nov/nov 2000** US
(**16.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FABRIC COLOR CARE METHOD
• METHODE D'ENTRETIEN DES COULEURS D'UN TISSU
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **TRINH, Toan**; 8671 Creekwood Lane, Maineville, OH 45039 (US). **BARNABAS, Mary, Vijayarani**; 5777 Sawgrass Drive, West Chester, OH 45069 (US). **GOSSELINK, Eugene, Paul**; 3754 Susanna Drive, Cincinnati, OH 45251 (US). **SMITH, John, William**; 1308 State Route 131, Milford, OH 45150 (US). **TORDIL, Helen, Bernardo**; 20 Stonegate Court, Fairfield, OH 45014 (US). **GARDNER, Robb, Richard**; 534 Laurelwood Drive, Cleves, OH 45002 (US). **COFFINDAFFER, Timothy, Woodrow**; 8573 Kelso Drive, Maineville, OH 45039 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C11D 17/00, 10/04, 3/33, 3/36 // 1:12, 1:29, 1:06, 1:10**
- (11) **WO 02/40626** (13) A1
(21) PCT/EP01/13077
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
(30) 09/712,112 **14 Nov/nov 2000** US
(**14.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CLEAR SOAP BAR
• PAIN DE SAVON INCOLORE
- (71) **CLARIANT INTERNATIONAL LTD** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz (CH).
- (72) **LITTAU, Cheryl, Ann**; 4415 Barwick Road, Charlotte, NC 28211 (US). **WILHELM, Linda, Talley**; 1816 Hart Road, Charlotte, NC 28214 (US).
- (74) **OTTO, Adalbert**; Clariant Service GmbH, Am Unisys-Park 1, 65843 Sulzbach (DE).
- (81) JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **C11D 17/00, 3/20, 7/26**
- (11) **WO 02/40627** (13) A2
(21) PCT/US01/46073
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) en (26) en
(30) 60/243,824 **27 Oct/oct 2000** US
(**27.10.2000**)
- (30) 60/291,679 **17 May/mai 2001** US
(**17.05.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • STABILIZED LIQUID COMPOSITIONS
• COMPOSITIONS LIQUIDES STABILISEES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **SMERZNAK, Mark, Allen**; Avenue Brugmann, 84, B-1190 Brussels (BE). **BROECKX, Walter, August, Maria**; Kamershoek 29, B-9290 Berlare (BE).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 NO NZ PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C11D 17/04**
- (11) **WO 02/40628** (13) A2
(21) PCT/US01/43483
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
(30) 60/249,723 **17 Nov/nov 2000** US
(**17.11.2000**)
- (30) 60/290,860 **14 May/mai 2001** US
(**14.05.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • WIPES FOR CLEANING FOODS, TOYS AND FOOD/CHILD CONTACT SURFACES
• CHIFFONS PERMETTANT DE NETTOYER DES ALIMENTS, DES JOUETS, ET DES SURFACES DE CONTACT D'ALIMENTS/JOUETS
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **BULLOCK, Steven, Stuart**; 614 West Hanna Avenue, Loveland, OH 45140 (US). **AHR, Nicholas, Albert**; 3736 Benhill Drive, Cincinnati, OH 45247 (US). **ROSELLE, Brian, Joseph**; 1490 Bruton Parish Way, Fairfield, OH 45014 (US). **MOSTER, Heather, Lynn**; 5301 Stockpile Road, Oldenburg, IN 47036 (US). **DAVENET, Dorothee, Helene**; Rue Uyttenhove, 21, B-1090 Bruxelles (BE). **HEIL, Jenna**; 8631 Harperpoint Drive, Cincinnati, OH 45249 (US). **WEVERS, Jean**; 17 Heide, B-1840 Steenhuffel (BE).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 NO NZ PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C11D 7/20, 3/12, 3/14**
- (11) **WO 02/40625** (13) A1
(21) PCT/FR01/03573
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) fr (26) fr
(30) 00/14776 **14 Nov/nov 2000** FR
(**14.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CLEANING COMPOSITION FOR GLASS SUBSTRATE, GLASS SUBSTRATE, METHOD FOR TREATING THE SUBSTRATE
• COMPOSITION NETTOYANTE POUR SUBSTRAT A BASE DE VERRE, SUBSTRAT A BASE DE VERRE, PROCEDE DE TRAITEMENT DU SUBSTRAT
- (71) **SEB S.A.** [FR/FR]; Les 4M, Chemin du Petit-Bois, BP 172, F-69132 Ecully Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SOBOLE, Céline, Claude** [FR/FR]; 26A Blulevard de la Marné, F-21000

model / modèle d'utilité) DM DZ EC EE
EE (Utility model / modèle d'utilité) ES FI
FI (Utility model / modèle d'utilité) GB GD
GE GH GM HR HU ID 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 PH
PL PT RO RU SD SE SG SI SK SL (Utility
model / modèle d'utilité) SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ C12N

(11) WO 02/40629 (13) A2

(21) PCT/IL01/01059

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/248,582 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROMOTERS EXHIBITING EN-
DOTHelial CELL SPECIFICITY AND
METHODS OF USING SAME

• PROMOTEURS PRESENTANT UNE
SPECIFICITE POUR DES CELLULES
ENDOTHELIALES ET LEURS PRO-
CEDES D'UTILISATION

(71) MEDICARD LTD. [IL/IL]; Habosem Street
3, 77 051 Ashdod (IL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HARATS, Dror [IL/IL]; Mendes Street
71, 53 765 Ramat Gan (IL).

(74) G. E. EHRlich (1995) LTD.; Bezalel
Street 28, 52 521 Ramat Gan (IL).

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

(51)⁷ C12N

(11) WO 02/40630 (13) A2

(21) PCT/IL01/01060

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 139708 15 Nov/nov 2000 IL
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS OF DECELLULARIZING
BIOLOGICAL MATRICES AND ACEL-
LULAR BIOLOGICAL MATRICES
USEFUL IN TISSUE ENGINEERING

• PROCEDE DE DECELLULARISATION
DE MATRICES BIOLOGIQUES ET

MATRICES BIOLOGIQUES ACEL-
LULAIRES UTILES DANS LE GENIE
TISSULAIRE

(71, 72) AMIEL, Gilad, E. [IL/IL]; 32a Ehud
Street, 34553 Haifa (IL).

(74) G. E. EHRlich (1995) LTD.; 28 Bezalel
Street, 52521 Ramat Gan (IL).

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

(51)⁷ C12N

(11) WO 02/40631 (13) A2

(21) PCT/US01/43079

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/247,969 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DIPEPTIDE SERYL-HISTIDINE AND
RELATED OLIGOPEPTIDES CLEAVE
DNA, PROTEIN, AND A CARBOXYL
ESTER

• DIPEPTIDE SERYL-HISTIDINE ET
OLIGOPEPTIDES PARENTS CLIVANT
L'ADN., PROTEINE, ET ESTER CAR-
BOXYLIQUE

(71) OHIO UNIVERSITY [US/US]; Technol-
ogy Transfer Office, 20 East Circle Drive,
Athens, GA 45701 (US).

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

(72, 75) CHEN, Xiaozhou [US/US]; 8 Canter-
bury Drive, Athens, OH 45801 (US). LI,
Yunsheng [US/US]; 8 Canterbury Drive,
Athens, OH 45701 (US). HATFIELD, Scott
[US/US]; 6883 Beechwood Drive, Apt. A,
Athens, OH 45701 (US).

(74) BROWDY AND NEIMARK, P.L.L.C. et al.
/ etc.; 624 Ninth Street N.W., Suite 300, Wash-
ington, DC 20001-5303 (US).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ C12N

(11) WO 02/40632 (13) A2

(21) PCT/US01/43107

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,546 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CREATION AND IDENTIFICATION OF
PROTEINS HAVING NEW DNA BIND-
ING SPECIFICITIES

• CREATION ET IDENTIFICATION DE
PROTEINES PRESENTANT DE NOU-
VELLES SPECIFICITES EN MATIERE
DE LIAISON A L'ADN

(71, 72) WISE, John, G. [US/DE]; Wei-
herstrasse 45, 67691 Hochspeyer (DE).
FROMKNECHT, Katja [DE/DE]; Happen-
weiler 614, 88263 Horgenzell (DE).

(74) MOTSENBOCKER, Marvin, A.; Heller
Ehrman White & McAuliffe LLP, 1666 K
Street, N.W., Suite 300, Washington, DC
20006 (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 PH PL PT RO RU
SD SE SG SI 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 02/40633 (13) A2

(21) PCT/US01/43670

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,913 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS FOR SCALED-UP PRODUC-
TION OF RECOMBINANT PROTEINS
USING TRANSGENIC PLANT SUS-
PENSION CULTURES

• PROCEDE DE PRODUCTION ACCELE-
REE DE PROTEINES RECOMBINEES
A L'AIDE DE CULTURES EN SUSPEN-
SION DE PLANTES TRANSGENIQUES

(71) REGENTS OF THE UNIVERSITY OF
CALIFORNIA [US/US]; Office of Technol-
ogy Transfer, 5th floor, 1111 Franklin Street,
Oakland, CA 94607 (US).

(72) McDONALD, Karen, A.; 1072 Evergreen
Court, Fairfield, CA 94533 (US). JACK-
MAN, Alan, P.; 306 del Oro Avenue, Davis,
CA 95616 (US). TRELXER, Melody, M.;
804 East 9th Street, #207, Davis, CA 95616
(US).

(74) BASTIAN, Kevin, L. et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero Center, 8th floor, San Francisco, CA
94111-3834 (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 SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.

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

(51)⁷ C12N

(11) WO 02/40634 (13) A2

(21) PCT/US01/43918

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,247 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • EXPRESSION MINIARRAYS AND USES THEREOF

• MINIRESEAU D'EXPRESSION ET LEURS UTILISATIONS

(71) GENETAG TECHNOLOGY, INC. [US/US]; 245 Danbury Lane, Atlanta, GA 30327 (US).

(72) SHAFER, David, A.; 245 Danbury Lane, Atlanta, GA 30327 (US).

(74) ADLER, Benjamin, A.; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ C12N

(11) WO 02/40635 (13) A2

(21) PCT/US01/43929

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,950 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • HUMAN RNase H1 MUTANTS

• MUTANTS DE RNASE H1 HUMAINE

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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

(72, 75) WU, Hongjiang [US/US]; 7831 Calle Pinabete, Carlsbad, CA 92009 (US). LIMA, Walter, F. [US/US]; 2405 Bancroft Street, San Diego, CA 92104 (US). CROOKE, Stanley, T. [US/US]; 3211 Piraqua Street, Carlsbad, CA 92009 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 02/40636 (13) A2

(21) PCT/US01/43985

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,335 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MODIFICATION OF A PLANT DISEASE RESISTANCE GENE SPECIFICITY AND METHOD FOR ENGINEERING ALTERED SPECIFICITY

• MODIFICATION DE LA SPECIFICITE D'UN GENE DE RESISTANCE AUX MALADIES DES PLANTES ET PROCEDE DE PRODUCTION PAR GENIE GENETIQUE D'UNE SPECIFICITE MODIFIEE

(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) BRYAN, Gregory [NZ/NZ]; 11 Karamu Avenue, Palmerston North, KS 5301 (NZ). VALENT, Barbara [US/US]; 4920 Lakewood Drive, Manhattan, KS 66503 (US).

(74) CHRISTENBURY, Lynne, M.; E. I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 02/40637 (13) A2

(21) PCT/US01/45006

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 09/715,983 20 Nov/nov 2000 US
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ANTISENSE MODULATION OF PI3K P85 EXPRESSION

• MODULATION ANTISENS DE L'EXPRESSION DE PI3K P85

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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

(72, 75) MONIA, Brett, P. [US/US]; 7605 Nueva Castilla Way, La Costa, CA 92009 (US).

COWSERT, Lex, M. [US/US]; 1299 Parrott Drive, San Mateo, CA 94402 (US). MURRAY, Susan, F. [US/US]; 12348 Ann-O-Reno Lane, Poway, CA 92064 (US). BUTLER, Madeline, M. [US/US]; 15951 Avenida Calma, Rancho Santa Fe, CA 92091 (US). DEAN, Nicholas, M. [GB/US]; 2110 Whisperwind Lane, Olivenheim, CA 92024 (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 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 02/40638 (13) A2

(21) PCT/US01/45084

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/249,147 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MYCOLOGIC GENERA SPECIFIC SELECTIVE AGAR AND METHOD OF MANUFACTURE

• AGAR-AGAR SELECTIF SPECIFIQUE AUX GENRES MYCOLOGIQUES ET SON PROCEDE DE FABRICATION

(71) ANALYTICAL SERVICES, INC. (ASSIGNEE) [US/US]; 130 Allen Brook Lane, Williston, VT 05495 (US).

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

(72, 75) BILLUPS, Richard, A. [US/US]; 1250 Powder Springs Road #321, Marietta, GA 30064 (US). WARDEN, Paul, S. [US/US]; 590 Rocky Road, Johnson, VT 05656 (US).

FALLON, Kristen, S. [US/US]; 179 Browns River Road, Essex, VT 05452 (US). PAR-ENT, Jennifer, E. [US/US]; 18 Maple Street, Essex Junction, VT 05452 (US).

(74) BENSON, Eric, R.; Box 65238, Champlain Station, Burlington, VT 05406-5238 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :

*(s) for all designations / pour toutes les désignations**(u) for / pour US only / seulement*

(51)⁷ C12N
(11) **WO 02/40639** (13) A2
(21) PCT/US01/45303
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,889 **14 Nov/nov 2000** US
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● METHODS FOR ENHANCING ENGRAFTMENT OF PURIFIED HEMATOPOIETIC STEM CELLS IN ALLOGENEIC RECIPIENTS
● PROCEDES DESTINES A AMELIORER LA PRISE DE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES PURIFIEES CHEZ DES RECEVEURS ALLOGENIQUES

(71) **THE UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.** [US/US]; c/o Office of Technology Development, 2301 South Third Street, Jouett Hall, Louisville, KY 40208 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ILDSTAD, Suzanne, T.** [US/US]; 13906 Riverglen Lane, Prospect Kentucky 40059 (US).

(74) **BURTON, Carol, W.** et al. / etc.; Hogan & Hartson LLP, Suite 1500, 1200 Seventeenth Street, Denver, CO 80202 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N
(11) **WO 02/40640** (13) A2
(21) PCT/US01/45312
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,895 **14 Nov/nov 2000** US
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHODS OF USING CD8+/TCR-FACILITATING CELLS (FC) FOR THE ENGRAFTMENT OF PURIFIED HEMATOPOIETIC STEM CELLS (HSC)
● PROCEDES D'UTILISATION DE CELLULES FACILITATRICES CD8+/TCR-DANS LE GREFFAGE DE CELLULES SOUCHES HEMATOPOIETIQUES PURIFIEES (CSH)

(71) **THE UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.** [US/US]; c/o Office of Technology Development, 2301 South Third Street, Jouett Hall, Louisville, KY 40208 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ILDSTAD, Suzanne, T.** [US/US]; 13906 Riverglen Lane, Prospect Kentucky 40059 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N
(11) **WO 02/40641** (13) A2
(21) PCT/US01/45327
(22) **19 Oct/oct 2001 (19.10.2001)**
(25) en (26) en
(30) 60/241,688 **19 Oct/oct 2000** US
(19.10.2000)

(30) Not furnished / non communiqué **12 Oct/oct 2001** US
(12.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● BINARY BAC VECTOR AND USES THEREOF
● VECTEUR BAC BINAIRE ET SES APPLICATIONS

(71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).

(72) **HANSON, Maureen, R.**; 316 Comstock Road, Ithaca, NY 14850 (US). **HAMILTON, Carol**; 2006 Weehawken Place, Apax, NC (US).

(74) **RESNICK, David, S.**; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 1/06
(11) **WO 02/40642** (13) A1
(21) PCT/GB01/05010
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en
(30) 0027824.2 **15 Nov/nov 2000** GB
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● BACTERIAL CONTROL BY BACTERIOPHAGES
● TRAITEMENT ANTIBACTÉRIEN PAR BACTÉRIOPHAGES

(71) **LATTICE INTELLECTUAL PROPERTY LTD.** [GB/GB]; 130 Jermyn Street, London SW1Y 4UR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ILLSON, Timothy, Frank** [GB/GB]; 60 Coniston Crescent, Loughborough, Leicestershire LE11 3RH (GB).

(74) **ILLINGWORTH-LAW, William**; Lattice Intellectual Property Ltd., 23 Buckingham Gate, London SW1E 6LB (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

Published / Publiée : (c)

(51)⁷ C12N 1/20
(11) **WO 02/40643** (13) A1
(21) PCT/KR01/01952
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 2000/68284 **17 Nov/nov 2000** KR
(17.11.2000)
(30) 2000/68285 **17 Nov/nov 2000** KR
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MICROORGANISMS PRODUCING L-GLUTAMINE AND PROCESSES FOR PRODUCING L-GLUTAMINE USING THE SAME
● MICRO-ORGANISMES PRODUISANT DE LA L-GLUTAMINE ET PROCEDES PERMETTANT DE PRODUIRE DE LA L-GLUTAMINE AU MOYEN DE CES MICRO-ORGANISMES

(71) **CHEIL JEDANG CORPORATION** [KR/KR]; 500, 5-ga, Namdaemun-ro, Chung-ku, Seoul 100-095 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Sung-Sik** [KR/KR]; Mokryun Town #101-701, Ilwon-dong, Kangnam-ku, Seoul 135-230 (KR). **SUH, Seung-Hyun** [KR/KR]; 893-38, Kwan 2-ri, Majang-myun, Icheon-shi, Kyunggi-do 467-811 (KR). **LEE, Keun-Chul** [KR/KR]; Youngkwang Apt. #1-1410, 220-4, Hwaseo 1-dong, Jangnan-ku, Suwon-shi, Kyunggi-do 445-865 (KR). **LEE, Dong-Woo** [KR/KR]; Mandae Jootaek #Na-401, 413-6, Yeokbook-dong, Yongin-shi, Kyunggi-do 449-070 (KR). **KIM, Cheon-Ju** [KR/KR]; 522-1, Deokpyung-ri, Majang-myun, Icheon-shi, Kyunggi-do 467-812 (KR). **JEONG, Sang-Cheol** [KR/KR]; Jinhung Apt. #809-601, Imae-dong, Pundang-ku, Sungnam-shi, Kyunggi-do 463-904 (KR).

- (74) **CHOI, Kyu-Pal**; 824-11, Yeoksam-dong, Kangnam-ku, 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 IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/04, C07K 14/42

(11) WO 02/40644 (13) A1

(21) PCT/JP01/09118

(22) 17 Oct/oct 2001 (17.10.2001)

(25) ja (26) ja

(30) 2000-348469 15 Nov/nov 2000 JP (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • AGENT IMPARTING RESISTANCE TO EXTERNAL STIMULI

• AGENT CONFERANT UNE RESISTANCE A DES STIMULI EXTERIEURS

(71, 72) **KATO, Yukio** [JP/JP]; 6-9-501, Ushitawaseda 3-chome, Higashi-ku, Hiroshima-shi, Hiroshima 732-0062 (JP).

(72, 75) **TSUTSUMI, Shinichi** [JP/JP]; 16-5-601, Shinonomehonomachi 1-chome, Minami-ku, Hiroshima-shi, Hiroshima 734-0023 (JP). **ODA, Ryo** [JP/JP]; 8-2-601, Danbaraminami 2-chome, Minami-ku, Hiroshima-shi, Hiroshima 732-0814 (JP). **SHINTANI, Hideaki** [JP/JP]; 8-10, Ushitawaseda 1-chome, Higashi-ku, Hiroshima-shi, Hiroshima 732-0062 (JP). **NISHIMURA, Masahiro** [JP/JP]; 7-12-302, Ushitawaseda 3-chome, Higashi-ku, Hiroshima-shi, Hiroshima 732-0062 (JP).

(74) **TAKAGI, Chiyoshi** et al. / etc.; Kojimachi Koyo Bldg., 10, Kojimachi 1-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) JP US.

(51)⁷ C12N 5/06, 5/00

(11) WO 02/40645 (13) A2

(21) PCT/EP01/12852

(22) 7 Nov/nov 2001 (07.11.2001)

(25) de (26) de

(30) 100 56 465.8 14 Nov/nov 2000 DE (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CELL CONSTRUCTS WHICH CAN BE OBTAINED FROM MESENSCHYMAL STEM CELLS AND CELLS DERIVABLE THEREFROM AND THE USE THEREOF

• CONSTRUCTIONS CELLULAIRES OBTENUES A PARTIR DE CELLULES SOUCHES MESENCHYMATEUSES, CELLULES POUVANT DERIVER DE CELLES-CI ET LEUR UTILISATION

(71, 72) **DAIG, Rosemarie** [DE/DE]; Otto-Hahn-Strasse 16, 93053 Regensburg (DE).

(74) **ACKERMANN, Joachim**; Postfach 11 13 26, 60048 Frankfurt (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/06, A61K 35/14, 35/26, 35/28, G01N 33/50

(11) WO 02/40646 (13) A1

(21) PCT/EP01/13189

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 00870273.0 14 Nov/nov 2000 EP (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • GENERATION AND USE OF DENDRITIC CELLS

• PRODUCTION ET UTILISATION DE CELLULES DENDRITIQUES

(71) **UNIVERSITE LIBRE DE BRUXELLES** [BE/BE]; Route de Lennik 808, B-1070 Bruxelles (BE).

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

(72, 75) **GOLDMAN, Michel** [BE/BE]; Avenue J. Jongen 17, B-1180 Bruxelles (BE).

(74) **DE CLERCQ, Ann** et al. / etc.; De Clercq, Brants & Partners, E. Gevaertdreef 10 a, B-9830 Sint-Martens-Latem (BE).

(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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 5/06, 5/08, A61K 35/14, G01N 33/50

(11) WO 02/40647 (13) A1

(21) PCT/US00/31465

(22) 14 Nov/nov 2000 (14.11.2000)

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF ESTABLISHING CULTURES OF HUMAN DENDRITIC CELLS AND USE THEREOF

• PROCEDE DE REALISATION DE CULTURES DE CELLULES DENDRITIQUES HUMAINES ET LEUR UTILISATION

(71) **U.S. ARMY MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES** [US/US]; Department of the Army, 504 Scott Street, Frederick, MD 21702 (US).

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

(72, 75) **ULRICH, Robert, G.** [US/US]; 6811 Falstone Drive, Frederick, MD 21702 (US).

SAIKH, Kamal, U. [US/US]; 8609 Watershed Court, Gaithersburg, MD 20877 (US).

(74) **ELIZABETH, Arwine**; Office of the Staff Judge Advocate, United States Army Medical Research and Materiel Command, 504 Scott Street, Fort Detrick, MD 21702 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

(51)⁷ C12N 5/10, 15/11, C12Q 1/02, 1/70, A61P 31/18

(11) WO 02/40648 (13) A1

(21) PCT/JP01/10018

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ja (26) ja

(30) 2000-350685 17 Nov/nov 2000 JP (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • T CELL LINE AND USE THEREOF

• LIGNEE DE LYMPHOCYTES T ET SON UTILISATION

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

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

(72, 75) **MIYAKE, Hiroshi** [JP/JP]; 1-10-506, Sakuragaoka 4-chome, Kagoshima-shi, Kagoshima 891-0175 (JP).

IIZAWA, Yuji [JP/JP]; 31-20, Dencho, Terado-cho, Muko-shi, Kyoto 617-0002 (JP). **BABA, Masanori** [JP/JP]; 54-19, Kotokujidai 3-chome, Kagoshima-shi, Kagoshima 891-0103 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & PARTNERS, IMP Building 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, 15/12, 15/63**
- (11) **WO 02/40649** (13) A1
- (21) PCT/US01/25701
- (22) **15 Aug/août 2001 (15.08.2001)**
- (25) en (26) en
- (30) 60/249,112 **15 Nov/nov 2000 US (15.11.2000)**
- (30) Not furnished / **1 Aug/août 2001 US non communiqué (01.08.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SLO2 AND SLO4, NOVEL POTASSIUM CHANNEL PROTEINS FROM HUMAN BRAIN
- SLO2 ET SLO4, NOUVELLES PROTEINES DE CANAL POTASSIQUE PROVENANT DU CERVEAU HUMAIN
- (71) **ICAGEN, INC.** [US/US]; 4222 Emperor Boulevard, Suite 350, Durham, NC 27703 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JEGLA, Timothy, James** [US/US]; 5315 Revere Rd., Durham, NC 27713 (US).
WITZEL, Julie, Dickson [US/US]; 9521 Meadowmont Lane, Raleigh, NC 27615 (US).
- (74) **PARENT, Annette, S.** 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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C12N 9/00**
- (11) **WO 02/40650** (13) A2
- (21) PCT/EP01/12857
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) en (26) en
- (30) 0027779.8 **14 Nov/nov 2000 GB (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS FOR LARGE SCALE PRODUCTION OF RECOMBINANT DNA-DERIVED TPA OR K2S MOLECULES
- PROCEDES DE PRODUCTION A GRANDE ECHELLE DE MOLECULES K2S TPAOR DERIVEES D'ADN RECOMBINANT
- (71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; 55216 Ingelheim/Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WERNER, Rolf-Günther** [DE/DE]; Hugo-Häring-Strasse 72, 88400 Biberach an der Riss (DE).
GOETZ, Friedrich [DE/DE]; Beim Herbstenhof 31, 72076 Tübingen (DE).
TAYAPIWATANA, Chatchai [TH/TH]; 369/73 Soi Pradoo 1, Janava Rd., Bangkok 10120 (TH).
MANOSROI, Jiradej [TH/TH]; 234/171 Siriwatana Nives Mahidol Road, Nong Hoi, Muang Chiang Mai 50000 (TH).
MANOSROI, Aranya [TH/TH]; 234/171 Siriwatana Nives Mahidol Road, Nong Hoi, Muang Chiang Mai 50000 (TH).
- (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 9/00**
- (11) **WO 02/40651** (13) A2
- (21) PCT/EP01/13213
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,274 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • REGULATION OF HUMAN tRNA-SPECIFIC ADENOSINE DEAMINASE
- REGULATION DE L'ADENOSINE DE-SAMINASE HUMAINE SPECIFIQUE A ARNT
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOHLER, Rainer** [DE/US]; 402 Broughton Drive, Beverly, MA 01915 (US).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (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 SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 9/00**
- (11) **WO 02/40652** (13) A2
- (21) PCT/EP01/13257
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) MI2000A002465 **16 Nov/nov 2000 IT (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL SOLUBLE ENDOPROTEASES FOR THE *IN VITRO* PROCESSING OF RECOMBINANT PROTEINS
- NOUVELLES ENDOPROTEASES SOLUBLES DESTINEES AU TRAITEMENT *IN VITRO* DE PROTEINES RECOMBINANTES
- (71) **KERYOS SPA** [IT/IT]; Piazza della Repubblica, 28, I-20124 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VANONI, Marco** [IT/IT]; Via Casati, 29, I-20052 Monza (IT).
TORTORA, Paolo [IT/IT]; Corso Lodi, 37, I-20135 Milano (IT).
TONON, Giancarlo [IT/IT]; Via San Bernardo, 35/6, I-20139 Milano (IT).
TAYLOR, Jeffrey [GB/IT]; Via anzio, 8, I-28010 Agrate Conturbia (IT).
ORSINI, Gaetano [IT/IT]; Via Don Reina, 7, I-21013 Gallarate (IT).
- (74) **PISTOLESI, Roberto** et al. / etc.; Dragotti & Associati Srl, Galleria San Babila 4/C, 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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declarations / Déclarations :
(t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement
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- (51)⁷ **C12N 9/00**
- (11) **WO 02/40653** (13) A2
- (21) PCT/US01/43550
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,474 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • STRUCTURES AND METHODS FOR DESIGNING TOPOISOMERASE I
- STRUCTURES ET METHODES DE DESIGNATION DE LA TOPOISOMERASE I
- (71) **EMERALD BIOSTRUCTURES, INC.** [US/US]; 7869 N.E. Day Road West, Bainbridge Island, WA 98110 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BURGIN, Alex** [US/US]; 449 Shannon Drive, Bainbridge Island, WA 98110 (US).
HJERRILD, Kathryn [GB/US]; 1161 Grow Avenue NW, Bainbridge Island, WA 98110 (US).
KIM, Hidong [US/US]; 9999 Winther Road, Bainbridge Island, WA 98110 (US).
STAKER, Bart, Lee [US/US]; 5700 NE Grove Lane, Kingston, WA 98346 (US).
STEWART, Lance [US/US]; 10075 Winther Road, Bainbridge Island, WA 98110 (US).

- BEHNKE, Craig** [US/US]; 917 N. 200th Street #401, Shoreline, WA 98133 (US).
FEESE, Michael [US/US]; 4042 5th Avenue NE, Seattle, WA 98105 (US).
- (74) **MCDONNELL, John, J.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 9/00**
- (11) **WO 02/40654** (13) A2
- (21) PCT/US01/43965
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,434 **14 Nov/nov 2000 (14.11.2000)** US
- (30) 60/257,610 **21 Dec/déc 2000 (21.12.2000)** US
- (30) 60/282,745 **10 Apr/avr 2001 (10.04.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • POLYNUCLEOTIDE ENCODING A NOVEL HUMAN SERPIN SECRETED FROM LYMPHOID CELLS LSI-01
- POLYNUCLEOTIDE CODANT POUR UNE NOUVELLE SERPINE HUMAINE (LSI-01) SECRETEE A PARTIR DES CELLULES LYMPHOIDES
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEN, Jian** [CN/US]; 121 York Drive, Princeton, NJ 08540 (US). **FEDER, John, N.** [US/US]; 277 Duchtown Zion Road, Belle Mead, NJ 08502 (US). **NELSON, Thomas** [US/US]; 12 Atalea Court, Lawrenceville, NJ 08648 (US). **SEILER, Steven** [US/US]; 101 North Main Street, Pennington, NJ 08534 (US). **BASSOLINO, Donna, A** [US/US]; 9 Hidden Hollow Drive, Hamilton, NJ 08620 (US). **CHENEY, Daniel, L.** [US/US]; 75 Elm Terrace, Flemington, NJ 08822 (US). **DUCLOS, Frank** [FR/US]; 438 Stonybrook Road, Washington Crossing, PA 18977 (US).
- (74) **BRISTOL-MYERS SQUIBB COMPANY** et al. / etc.; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, New Jersey 08543-4000 (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 PH PL PT RO RU
- SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (30) 60/250,327 **30 Nov/nov 2000 (30.11.2000)** US
- (30) 60/250,176 **30 Nov/nov 2000 (30.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • 47476, 67210, 49875, 46842, 33201, 83378, 84233, 64708, 85041, AND 84234, NOVEL HUMAN GUANINE NUCLEOTIDE DISSOCIATION STIMULATOR, GLYCOSYLTRANSFERASE, DEAD TYPE HELICASE, CENTAURIN, DEHYDROGENASE/REDUCTASE, AND METAL TRANSPORTER FAMILY MEMBERS AND USES THEREOF
- 47476, 67210, 49875, 46842, 33201, 83378, 84233, 64708, 85041, ET 84234, NOUVEAU STIMULATEUR HUMAIN DE DISSOCIATION NUCLEOTIDIQUE DE GUANINE, GLYCOSYLE TRANSFERASE, HELICASE DE TYPE DEAD, CENTAURINE, DESHYDROGENASE/REDUCTASE ET MEMBRES DE LA FAMILLE DU TRANSPORTEUR METALLIQUE AINSI QUE LEURS APPLICATIONS
- (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) **MEYERS, Rachel, E.** [US/US]; 115 Devonshire Road, Newton, MA 02468 (US). **CURTIS, Rory, A.J.** [GB/US]; 31 Constitution Drive, Southborough, MA 01772 (US). **GLUCKSMANN, Maria Alexandra** [AR/US]; 33 Summit Road, Lexington, MA 02173 (US).
- (74) **COLLAZO, Diana, M.** et al. / etc.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 9/00**
- (11) **WO 02/40657** (13) A2
- (21) PCT/US01/47575
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/249,939 **20 Nov/nov 2000 (20.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • 47169 AND 33935, NOVEL HUMAN GLYCOSYL TRANSFERASES AND USES THEREFOR
- 47169 ET 33935, NOUVELLES GLYCOSYL TRANSFERASES HUMAINES ET LEURS UTILISATIONS
- (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) **MEYERS, Rachel** [US/US]; 115 Devonshire Rd., Newton, MA 02468 (US). **WILLIAMSON, Mark** [US/US]; 15 Stonecrest Drive, Saugus, MA 01906 (US).

(74) **COLBY, Gary, D.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 9/00

(11) **WO 02/40658** (13) A2

(21) PCT/US01/50805

(22) **18 Oct/oct 2001 (18.10.2001)**

(25) en (26) en

(30) 60/241,692 **18 Oct/oct 2000** US (18.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ISOMERASES
• ISOMERASES

(71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).

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

(72, 75) **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **LAL, Preeti, G.** [IN/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **NGUYEN, Danniell, B.** [US/US]; 1403 Ridgewood Drive, San Jose, CA 95118 (US). **GANDHI, Ameena, R.** [US/US]; 705 5th Avenue, San Francisco, CA 94118 (US). **HAFALIA, April, J., A.** [US/US]; 2227 Celle de Primavera, Santa Clara, CA 95054 (US). **KHAN, Farrah, A.** [IN/US]; 3617 Central Road, #102, Glenview, IL 60025 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **WALIA, Narinder, K.** [US/US]; 890 David Street, #205, San Leandro, CA 94577 (US). **ISON, Craig, H.** [US/US]; 1242 Weathersfield Way, San Jose, CA 95118 (US). **SANJANWALA, Madhu, S.** [US/US]; 210 Sylvia Court, Los Altos, CA 94024 (US).

(74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 3160 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 9/24, 15/56, 1/21, C12P 19/00

(11) **WO 02/40659** (13) A1

(21) PCT/JP01/10044

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-350142 **16 Nov/nov 2000** JP (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • POLYPEPTIDES HAVING α -ISOMALTOSYL TRANSFERASE ACTIVITY
• POLYPEPTIDES PRESENTANT UNE ACTIVITE α -ISOMALTOSYL TRANSFERASE

(71) **KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO** [JP/JP]; 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUBOTA, Michio** [JP/JP]; c/o Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). **MARUTA, Kazuhiko** [JP/JP]; c/o Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). **YAMAMOTO, Takuo** [JP/JP]; c/o Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). **FUKUDA, Shigeharu** [JP/JP]; c/o Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C12N 15/00

(11) **WO 02/40660** (13) A2

(21) PCT/EP01/12748

(22) **3 Nov/nov 2001 (03.11.2001)**

(25) de (26) de

(30) 100 56 899.8 **16 Nov/nov 2000** DE (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROMOTER FOR THE FUNCTIONAL CHARACTERISATION OF G-PROTEIN COUPLED RECEPTORS IN THE YEAST SACCHAROMYCES CEREVISIAE

• PROMOTEUR POUR LA CARACTERISATION FONCTIONNELLE DE RECEPTEURS COUPLES AUX PROTEINES G DANS LA LEVURE SACCHAROMYCES CEREVISIAE

(71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstraße 50, 65929 Frankfurt (DE).

(72) **KOZIAN, Detlef**; Schulstrasse 23, 67595 Hattersheim (DE). **NITSCHKE, Almut**; Emanuel-Geibelstrasse 8, 65185 Wiesbaden (DE). **FRAISSIGNES, Pauline**; Albert Rosshaupter Strasse 70, 81369 München (DE). **GRATZER, Sabine**; Igelgarten 22, 82166 Gräfelfing (DE). **LEBERER, Ekkehard**; Fichtenstrasse 82 B, 82100 Germering (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/00

(11) **WO 02/40661** (13) A2

(21) PCT/US01/44787

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/249,409 **15 Nov/nov 2000** US (15.11.2000)

(30) 09/999,254 **15 Nov/nov 2001** US (15.11.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • TRANSGENIC MICE CONTAINING Kir2.3 POTASSIUM CHANNEL GENE DISRUPTIONS
• SOURIS TRANSGENIQUES PRESENTANT DES DISRUPTIONS GENIQUES DANS LES CANAUX DE POTASSIUM KIR2.3

(63) US 60/249,409 (CON)
US 15 Nov/nov 2000 (15.11.2000)
Not furnished / non communiqué (CON)
15 Nov/nov 2001 (15.11.2001)

(71) **DELTAGEN, INC.** [US/US]; 740 Bay Road, Redwood City, CA 94063 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALLEN, Keith, D.** [US/US]; 224 Custer Trail, Cary, NC 27513 (US).

(74) **BURKE, John, E.** et al. / etc.; Deltagen, Inc., 740 Bay Road, Redwood City, CA 94063 (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 SI SK SL TJ TM 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 CH CY DE DK ES

- FI FR GB GR IE IT LU MC NL PT SE 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 15/00, A01K 67/027, C07K 14/52, 14/47, C12N 5/10, 15/90, A61K 49/00, G06K 21/06**
- (11) **WO 02/40662** (13) A2
- (21) PCT/US01/44961
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,403 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 60/252,237 **20 Nov/nov 2000 US (20.11.2000)**
- (30) 60/252,301 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **TRANSGENIC MICE CONTAINING TARGETED GENE DISRUPTIONS**
• **SOURIS TRANSGENIQUE CONTENANT DES DISRUPTIONS GENIQUES CIBLEES**
- (63) US 60/249,403 (CON) 15 Nov/nov 2000 (15.11.2000)
US 60/252,237 (CON) 20 Nov/nov 2000 (20.11.2000)
US 60/252,301 (CON) 20 Nov/nov 2000 (20.11.2000)
- (71) **DELTAGEN, INC.** [US/US]; 740 Bay Road, Redwood City, CA 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALLEN, Keith, D.** [US/US]; 224 Custer Trail, Cary, NC 27513 (US). **GUENTHER, Catherine** [US/US]; 731 Chestnut Street #109, San Carlos, CA 94070 (US). **LEVITEN, Michael, W.** [US/US]; 3166 Bryant Street, Palo Alto, CA 94306 (US).
- (74) **BURKE, John, E.** et al. / etc.; Deltagen, Inc., 740 Bay Road, Redwood City, CA 94063 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/10, C07H 21/00, C07K 5/00, 7/00, 4/00**
- (11) **WO 02/40664** (13) A1
- (21) PCT/JP01/09200
- (22) **19 Oct/oct 2001 (19.10.2001)**
- (25) ja (26) ja
- (30) 2000-346467 **14 Nov/nov 2000 JP (14.11.2000)**
- (30) 2001-308277 **4 Oct/oct 2001 JP (04.10.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **METHOD OF CONSTRUCTING NUCLEIC ACID LIBRARY**
• **PROCEDE DE CONSTRUCTION D'UNE BIBLIOTHEQUE D'ACIDES NUCLEIQUES**
- (71) **GENCOM CORPORATION** [JP/JP]; 11, Minamiooya, Machida-shi, Tokyo 194-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NISHIGAKI, Koichi** [JP/JP]; 3-18-26, Nakaduma, Ageo-shi, Saitama 362-0072 (JP). **KINOSHITA, Yasunori** [JP/JP]; 10-12, Honcho, Wako-shi, Saitama 351-0114 (JP).
- (74) **IMAMURA, Masazumi** et al. / etc.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C12N 15/10, 15/86, 7/01, 7/02**
- (11) **WO 02/40665** (13) A2
- (21) PCT/NL01/00824
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/713,678 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **COMPLEMENTING CELL LINES**
• **LIGNEES CELLULAIRES DE COMPLEMENTATION**
- (71) **CRUCCELL HOLLAND B.V.** [NL/NL]; Archimedesweg 4, NL-2333 CN Leiden (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOGELS, Ronald** [NL/NL]; Van Rietlaan 4, NL-3461 HW Linschoten (NL). **HAVENGA, Menzo, Jans, Emco** [NL/NL]; Wilhelmina Druckerstraat 66, NL-2401 KG Alphen a/d Rijn (NL). **MEHTALI, Majid** [FR/FR]; 12, rue General Leclerc, F-67115 Plobsheim (FR).
- (74) **PRINS, A., W.**; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/12, A01K 67/027, C07K 14/00, 16/00, C12N 5/10, G01N 33/50, 33/53**
- (11) **WO 02/40666** (13) A2
- (21) PCT/CA01/01632
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 60/248,589 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • **FAT REGULATED GENES, USES THEREOF, AND COMPOUNDS FOR MODULATING SAME**
• **GENES A REGULATION LIPIDIQUE, UTILISATIONS DE CES GENES ET COMPOSES PERMETTANT LEUR MODULATION**
- (71) **XENON GENETICS INC.** [CA/CA]; #501 -520 West 6th Ave., Vancouver, British Columbia V5Z 4H5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WINTHER, Michael, David** [CA/CA]; 10 Anderson Blvd., Kentville, Nova Scotia B4H 5G9 (CA). **GOLDBERG, Y., Paul** [CA/CA]; 62 West 18 Ave., Vancouver, British Columbia V5Y 2A4 (CA). **KNICKLE, Leah, Christine** [CA/CA]; 49 Craig Dr., Kentville, Nova Scotia B4N 5H2 (CA). **HAARDT, Martin** [DE/CA]; 1404 George Street, Coldbrook, Nova Scotia B4R 1B5 (CA). **ALLEN, Stephen, John** [CA/CA]; 9049 Commercial St., Suite 150, New Minas, Nova Scotia B4N 5A4 (CA). **PONTON, Andre** [CA/CA]; 15 Oakwood Drive, Kingston, Nova Scotia B0P 1R0 (CA). **DE ANTUENO, Roberto, Justo** [CA/CA]; 1520 Ashlee Dr., Coldbrook, Nova Scotia B4R 1A1 (CA). **JENKINS, D., Kenneth** [CA/CA]; 1804 Gerlad Drive, Coldbrook, Nova Scotia B4R 1A3 (CA). **NWAKA, Solomon, O.** [NG/CA]; 2075 Langille Drive, Coldbrook, Nova Scotia B4R 1C3 (CA).

- (74) **HELLER, David, J.**; 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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/12**
- (11) **WO 02/40667** (13) A1
- (21) PCT/CN01/01274
- (22) **24 Aug/août 2001 (24.08.2001)**
- (25) zh (26) zh
- (30) 00119756.8 **25 Aug/août 2000 CN (25.08.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD OF DIAGNOSING AND TREATING LESION OF CRYSTALLINE LENS USING HUMAN CRYGS GENE AND CODING PRODUCT THEREOF
- PROCEDE POUR DIAGNOSTIQUER ET TRAITER DES LESIONS DU CRISTALLIN A L'AIDE DU GENE CRYGS ET D'UN PRODUIT CODANT DE CE-LUI-CI
- (71) **SHANGHAI RESEARCH CENTER OF BIOTECHNOLOGY, CHINESE ACADEMY OF SCIENCES** [CN/CN]; Cao Bao Road 500, Shanghai 200233 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KONG, Xiangyin** [CN/CN]; 500 Cao Bao Road, Shanghai 200233 (CN). **BU, Lei** [CN/CN]; 500 Cao Bao Road, Shanghai 200233 (CN). **ZHAO, Guoping** [CN/CN]; 500 Cao Bao Road, 200233 Shanghai (CN). **YAN, Shunsheng** [CN/CN]; 500 Cao Bao Road, Shanghai 200233 (CN). **JIN, Meilei** [CN/CN]; 500 Cao Bao Road, Shanghai 200233 (CN). **SULITANG, Yerjiang** [CN/CN]; 500 Cao Bao Road, Shanghai 200233 (CN). **JIN, Yiping** [CN/CN]; 500 Cao Bao Road, Shanghai 200233 (CN). **HU, Landian** [CN/CN]; 500 Cao Bao Road, Shanghai 200233 (CN).
- (74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; XU, Xun, 435 Guiping Road, Shanghai 200233 (CN).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **C12N 15/12, C07K 14/47, 16/18, A61K 48/00, 38/17**
- (11) **WO 02/40668** (13) A2
- (21) PCT/EP01/12545
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) de (26) de
- (30) 100 56 687.1 **15 Nov/nov 2000 DE (15.11.2000)**
- (30) 100 59 595.2 **30 Nov/nov 2000 DE (30.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PROTEINS AND DNA SEQUENCES UNDERLYING THESE PROTEINS USED FOR TREATING INFLAMMATIONS
- PROTEINES ET SEQUENCES D'ADN SOUS-JACENTES A CES PROTEINES, UTILISEES POUR TRAITER LES INFLAMMATIONS
- (71) **APOTECH RESEARCH & DEVELOPMENT LTD.** [CH/CH]; 84, Rue de Rhone, CH-1204 Genf (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSCHOPP, Jürg** [CH/CH]; 10, ch. des Fontannins, CH-1066 Epalinges (CH). **MARTINON, Fabio** [IT/IT]; Valentin 30, CH-1004 Lausanne (CH).
- (74) **GRAF VON STOSCH, Andreas** et al. / etc.; Bosch, Graf von Stosch, Jehle, Theatinerstrasse 8, 80333 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/12, 1/21, 5/10, C07K 14/705, 16/28, C12P 21/02, C12Q 1/02**
- (11) **WO 02/40669** (13) A1
- (21) PCT/JP01/09512
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) ja (26) ja
- (30) 2000-351741 **17 Nov/nov 2000 JP (17.11.2000)**
- (30) 2001-38619 **15 Feb/fév 2001 JP (15.02.2001)**
- (30) 2001-77000 **16 Mar/mar 2001 JP (16.03.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● NOVEL GUANOSINE TRIPHOSPHATE (GTP) BINDING PROTEIN-COUPLED RECEPTOR PROTEIN, BG37
- BG37, NOUVELLE PROTEINE DU RECEPTEUR COUPLE AUX PROTEINES G DE LIAISON DE GUANOSINE TRIPHOSPHATE (GTP)
- (71) **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARUYAMA, Takaharu** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **NAKAMURA, Takao** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **ITADANI, Hiraku** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **TANAKA, Ken-ichi** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (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 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/12, C07K 14/705, C12N 1/21, 5/10, 15/62, A61K 38/17, C07K 16/28, G01N 33/68**
- (11) **WO 02/40670** (13) A2
- (21) PCT/US01/43909
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,285 **14 Nov/nov 2000 US (14.11.2000)**
- (30) 60/268,581 **14 Feb/fév 2001 US (14.02.2001)**
- (30) 60/308,285 **27 Jul/juil 2001 US (27.07.2001)**
- (30) 60/317,166 **4 Sep/sep 2001 US (04.09.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMY8, EXPRESSED HIGHLY IN BRAIN
- HGPRBMY8 : NOUVEAU RECEPTEUR COUPLE A LA PROTEINE G HUMAINE EXPRIME EN GRANDE QUANTITE DANS LE CERVEAU
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
- (72) **BATTAGLINO, Peter**; 6 Plank Road, Prospect, CT 06712 (US). **FEDER, John**; 277 Dutchtown Zion Road, Belle Mead, NJ 08502 (US). **MINTIER, Gabe**; 318 Morrison Ave., Hightstown, NJ 08520 (US). **NELSON, Thomas**; 12 Azalea Court, Lawrenceville, NJ 08648 (US). **RAMANATHAN, Chandra**; 41 Alison Avenue, Wallingford, CT 06492 (US). **WESTPHAL, Ryan**; 108 Old Farms Road, Cheshire, CT 06410 (US). **CACACE, Angela**; 47 Silverbirch Lane,

- Clinton, CT 06413 (US). **BARBER, Lauren**; 561 Taylor Hill Road, Jewett Hill, CT 06351 (US). **HAWKEN, Donald**; 3223 Fieldcrest Court, Lawrenceville, NJ 08648 (US). **KORNACKER, Michael**; 17 Maclean Street, Princeton, NJ 08542 (US).
- (74) **D'AMICO, Stephen** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/12, C07K 14/47, C12Q 1/68, A61K 38/17, G01N 33/54**
- (11) **WO 02/40672** (13) A2
- (21) PCT/US01/45079
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/249,998 **20 Nov/nov 2000 US (20.11.2000)**
- (30) 60/252,563 **22 Nov/nov 2000 US (22.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOSITIONS AND METHODS RELATING TO BREAST SPECIFIC GENES AND PROTEINS
- COMPOSITIONS ET METHODES RELATIVES A DES GENES ET DES PROTEINES SPECIFIQUES AUX SEINS
- (63) US 60/249,998 (CIP)
20 Nov/nov 2000 (20.11.2000)
- US 60/252,563 (CIP)
22 Nov/nov 2000 (22.11.2000)
- (71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SALCEDA, Susana** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **MACINA, Roberto, A.** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **RECIPON, Herve** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **CAFFERKEY, Robert** [IE/US]; 350 Elan Village Lane, Apartment 218, San Jose, CA 95134 (US). **SUN, Yongming** [US/US]; 869 S. Winchester Boulevard, Apartment 260, San Jose, CA 95128 (US). **LIU, Chenghua** [CN/US]; 1125 Ranchero Way, #14, San Jose, CA 95117 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/12, C07K 14/435, 16/18, C12N 5/10, G01N 33/50, 33/53**
- (11) **WO 02/40674** (13) A2
- (21) PCT/US01/45789
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,364 **14 Nov/nov 2000 US (14.11.2000)**
- (30) 60/248,878 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
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- Published / Publiée : (m), (q2)
- (51)⁷ **C12N 15/12, C07K 14/705, 16/28, A01K 67/027, A61K 38/16, C12N 5/10, G01N 33/50, 33/53**
- (11) **WO 02/40671** (13) A2
- (21) PCT/US01/44974
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,645 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMMUNOGLOBULIN SUPERFAMILY PROTEINS
- PROTEINES DE LA SUPERFAMILLE DES IMMUNOGLOBULINES
- (71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **LU, Dyung, Aina, M.** [US/US]; 233 Coy Drive, San Jose, CA 95123 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **THANGAVELU, Kavitha** [IN/US]; 1950 Montecito Avenue, #23, Mountain View, CA 94043 (US). **RAMKUMAR, Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). **LU, Yan** [CN/US]; 3885 Corrina Way, Palo Alto, CA 94303 (US). **LO, Terrence, P.** [CA/US]; 1451 Beach Park Boulevard, #115, Foster City, CA 94404 (US). **GURURAJAN, Rajagopal** [IN/US]; 5591 Dent Avenue, San Jose, CA 95118 (US). **GANDHI, Ameena, R.** [US/US]; 705 5th Avenue, San Francisco, CA 94118 (US). **ARVIZU, Chandra** [US/US]; 490 Sherwood Way #1, Menlo Park, CA 94025 (US). **YAO, Monique, G.** [US/US]; 1189 Woodgate Drive, Carmel, IN 46033 (US).
- (74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

- (54) • 67118, 67067 AND 62092, HUMAN PROTEINS AND METHODS OF USE THEREOF
• 67118, 67067 ET 62092, PROTEINES HUMAINES ET LEURS PROCÉDES D'UTILISATION
- (71) **MILLENIUM 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) **MEYERS, Rachel** [US/US]; 115 Devonshire Rd., Newton, MA 02468 (US). **CURTIS, Rory, A.J.** [GB/US]; 31 Constitution Drive, Southborough, MA 01772 (US).
- (74) **MANDRAGOURAS, Amy, E.** 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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/28, C07K 14/435, A61K 38/17**
- (11) **WO 02/40675** (13) A1
- (21) PCT/CN00/00424
- (22) **15 Nov/nov 2000 (15.11.2000)**
- (25) zh (26) zh
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL HUMAN TUMOR NECROSIS FACTOR MUTANT PROTEINS AND THEIR PREPARING METHODS AND USES
• NOUVELLE PROTEINE MUTANTE DU FACTEUR ONCONECROSANT HUMAIN ET LEUR PROCÉDE DE PRÉPARATION ET APPLICATION
- (71) **SHANGHAI RESEARCH CENTER OF BIOTECHNOLOGY, CHINESE ACADEMY OF SCIENCES** [CN/CN]; Cao Bao Road 500, Shanghai 200233 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEN, Changqing** [CN/CN]; Cao Bao Road 500, Shanghai 200233 (CN). **LIU, Hui** [CN/CN]; Cao Bao Road 500, Shanghai 200233 (CN). **LU, Fang** [CN/CN]; Cao Bao Road 500, Shanghai 200233 (CN).
- (74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; XU, Xun, 435 Guiping Road, Shanghai 200233 (CN).
- (81) AU CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C12N 15/29, 15/12, C07K 14/415, 14/435, A61K 39/35, 39/36, C12N 5/10 // A61P 37/08**
- (11) **WO 02/40676** (13) A2
- (21) PCT/DK01/00764
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) PA 2000 01718 **16 Nov/nov 2000 (16.11.2000)** DK
- (30) 60/249,361 **16 Nov/nov 2000 (16.11.2000)** US
- (30) 60/298,170 **14 Jun/juin 2001 (14.06.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NOVEL MUTANT ALLERGENS
• NOUVEAUX ALLERGENES MUTANTS
- (71) **ALK-ABELLÓ A/S** [DK/DK]; Bøge Allé 6-8, DK-2970 Hørsholm (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOLM, Jens** [NO/NO]; Nøddehegnet 30, DK-3480 Fredensborg (NO). **IPSEN, Henrik** [DK/DK]; Gegevej 16, DK-3400 Hillerød (DK). **NEDERGAARD LARSEN, Jørgen** [DK/DK]; Nyvej 11, DK-3230 Græsted (DK). **SPANGFORT, Michael, Dho** [DK/SE]; Hövitsmangatan 14, S-237 54 Helsingborg (SE).
- (74) **HOFMAN-BANG ZACCO A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/29, 15/32, C12Q 1/68**
- (11) **WO 02/40677** (13) A2
- (21) PCT/US01/43297
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/252,124 **20 Nov/nov 2000 (20.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COTTON EVENT PV-GHBK04 (531) AND COMPOSITIONS AND METHODS FOR DETECTION THEREOF
• EVENEMENT DU COTON PV-GHBK04 (531) ET COMPOSITIONS ET PROCÉDES PERMETTANT DE DETECTER LA PRESENCE DE CE DERNIER
- (71) **MONSANTO TECHNOLOGY LLC** [US/US]; 800 N. Lindbergh Blvd., Saint Louis, MO 63167 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEAZLEY, Kim, A.** [US/US]; 1400-L Summertree Springs Avenue, Valley Park, MO 63088 (US). **HILLYARD, Jeanna, R.** [US/US]; 67 Gray Owl Garth Court, St. Charles, MO 63304 (US). **PANG, Shengzhi** [CN/US]; 2325 Crimson View Court, Ellisville, MO 63011 (US). **ROBERTS, James, K.** [US/US]; 15422 Clover Ridge, Chesterfield, MO 63017 (US).
- (74) **KAMMERER, Patricia, A.**; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/31, C07K 14/32, A61K 38/16, 48/00, C12N 7/01**
- (11) **WO 02/40678** (13) A1
- (21) PCT/GB01/05061
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 0028130.3 **17 Nov/nov 2000 (17.11.2000)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SMALL ACID-SOLUBLE SPORE PROTEIN AND USES THEREOF
• PETITE PROTEINE DE SPORE SOLUBLE DANS L'ACIDE (SASP) ET UTILISATIONS DE CELLE-CI
- (71) **PHICO THERAPEUTICS LTD.** [GB/GB]; Babraham, Cambridge CB2 4AT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FAIRHEAD, Heather, Marie** [GB/GB]; 45 Park Avenue, Histon, Cambridge CB4 9JU (GB).
- (74) **DANIELS, Jeffrey, Nicholas** 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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES

FI FR GB GR IE IT LU MC NL PT SE 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 15/31, 15/62, 15/77, 1/21, C12P
13/04

(11) WO 02/40679 (13) A2

(21) PCT/US01/43096

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/248,219 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • NUCLEOTIDE SEQUENCES FOR
TRANSCRIPTIONAL REGULATION
IN CORYNEBACTERIUM GLUTAM-
ICUM

• SEQUENCES NUCLEOTIDIQUES
POUR LA REGULATION TRANS-
CRIPTIONNELLE DANS CORYNEBAC-
TERIUM GLUTAMICUM

(71, 72) RAYAPATI, P. John [US/US]; 601
North Union Street, Monticello, IL 61856
(US). CRAFTON, Corey, M. [US/US]; 1371
West Pershing Road, Decatur, IL 62526 (US).

(74) LUDWIG, Steven, R. et al. / etc.; Sterne,
Kessler, Goldstein & Fox P.L.L.C., 1100 New
York Avenue, N.W., Suite 600, Washington,
DC 20005-3934 (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 SI SK SL TJ TM TR TT TZ
UA UG 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/31, 15/62, C07K 14/295, 16/12,
C12Q 1/68, G01N 33/53, 33/68

(11) WO 02/40680 (13) A2

(21) PCT/US01/44844

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 09/715,893 17 Nov/nov 2000 US
(17.11.2000)

(30) 60/301,889 29 Jun/juin 2001 US
(29.06.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • NOVEL DEATH DOMAIN PROTEINS
• NOUVELLES PROTEINES DU DO-
MAINE DE MORT CELLULAIRE

(63) US 09/715,893 (CIP)
17 Nov/nov 2000 (17.11.2000)
US 60/301,889 (CIP)
29 Jun/juin 2001 (29.06.2001)

(71) THE BURNHAM INSTITUTE [US/US];
10901 North Torrey Pines Road, La Jolla, CA
92037 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) REED, John, C. [US/US]; 17044
El Camino Real, Rancho Santa Fe, CA
92067-0137 (US). GODZIK, Adam
[PL/US]; 9184 Buckwheat Street, San Diego,
CA 92129 (US). PAWLOWSKI, Krzysztof
[PL/SE]; Kramersvagen 10:106167, S-21745
Malmo (SE). FIORENTINO, Loredana
[IT/US]; Apt. #183, 7876 Avenida Navid-
dad, San Diego, CA 92122 (US). LEE,
Sug Hyung [KR/US]; Apt. 129, 3985 Nobel
Drive, San Diego, CA 92122 (US).
ROTH, Wilfried [DE/US]; 7438 Cuvier
Street, La Jolla, CA 92037 (US). STEN-
NER-LIEWEN, Frank [US/US]; 1520
Pacific Beach Drive, San Diego, CA 92109
(US).

(74) WEBSTER, Melanie, K. et al. / etc.; Camp-
bell & Flores LLP, 7th Floor, 4370 La Jolla
Village Drive, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID 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 SK (Utility
model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/51

(11) WO 02/40681 (13) A1

(21) PCT/CN01/01469

(22) 30 Sep/sep 2001 (30.09.2001)

(25) zh (26) zh

(30) 00 1 30634.0 30 Sep/sep 2000 CN
(30.09.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • THE POLYPEPTIDE FRAGMENTS OF
HEPATITIS E VIRUS, THE VACCINE
COMPOSITION COMPRISING SAID
FRAGMENTS AND THE DIAGNOSTIC
KITS

• FRAGMENT POLYPEPTIDIQUE DU
VIRUS DE L'HEPATITE E, COMPO-
SITION VACCINALE CONTENANT
LEDIT FRAGMENT, AGENT DIAG-
NOSTIC ET LEURS APPLICATIONS

(71) YANG SHENG TANG COMPANY, LTD.
[CN/CN]; No. 6 Jinniu Road, Jinpan Industry
Zoon, Haikou City, Hainan 570216 (CN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) XIA, Ningshao [CN/CN]; Yang Sheng
Tang Company, Ltd., No. 29 Shuguang Road,
Hangzhou City, Zhejiang 310007 (CN).
ZHANG, Jun [CN/CN]; Yang Sheng Tang
Company, Ltd., No. 29 Shuguang Road,
Hangzhou City, Zhejiang 310007 (CN).
LI, Shaowei [CN/CN]; Yang Sheng Tang
Company, Ltd., No. 29 Shuguang Road,
Hangzhou City, Zhejiang 310007 (CN).
GE, Shengxiang [CN/CN]; Yang Sheng Tang
Company, Ltd., No. 29 Shuguang Road,

Hangzhou City, Zhejiang 310007 (CN). GU,
Ying [CN/CN]; Yang Sheng Tang Company,
Ltd., No. 29 Shuguang Road, Hangzhou
City, Zhejiang 310007 (CN). HE, Zhigiang
[CN/CN]; Yang Sheng Tang Company, Ltd.,
No. 29 Shuguang Road, Hangzhou City,
Zhejiang 310007 (CN).

(74) CCPIT PATENT AND TRADEMARK
LAW OFFICE; 8/F, 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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW.

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(51)⁷ C12N 15/54, 1/21, C12P 7/66, C12N 9/12

(11) WO 02/40682 (13) A1

(21) PCT/JP01/10119

(22) 20 Nov/nov 2001 (20.11.2001)

(25) ja (26) ja

(30) 2000-352940 20 Nov/nov 2000 JP
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS FOR PRODUCING COEN-
ZYME Q₁₀

• PROCEDE SERVANT A PREPARER UN
COENZYME Q₁₀

(71) KANEKA CORPORATION [JP/JP]; 2-4,
Nakanoshima 3-chome, Kita-ku, Osaka-shi,
Osaka 530-8288 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MATSUDA, Hideyuki [JP/JP]; 362-66,
Nishimochidacho, Matsue-shi, Shimane 690-
0815 (JP). KAWAMUKAI, Makoto [JP/JP];
3081-11, Nishikawatsucho, Matsue-shi, Shi-
mane 690-0823 (JP). YAJIMA, Kazuyoshi
[JP/JP]; 120-55-A804, Kokubo, Akashi-shi,
Hyogo 673-0005 (JP). IKENAKA, Yasuhiro
[JP/JP]; 21-3, Ibukidaihigashimachi 5-chome,
Nishi-ku, Kobe-shi, Hyogo 651-2242 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Chuo
BLDG., 4-20, Nishinakajima 5-chome, Yo-
dogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CA JP NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

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(51)⁷ C12N 15/54, 9/12, G01N 33/573, C12Q
1/68, A61K 38/45

(11) WO 02/40683 (13) A2

(21) PCT/US01/32616

(22) 22 Oct/oct 2001 (22.10.2001)

(25) en (26) en

(30) 09/711,134 14 Nov/nov 2000 US
(14.11.2000)

- (30) 09/858,664 **17 May/mai 2001** US
(17.05.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
• PROTEINES KINASE HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT POUR DES PROTEINES KINASE HUMAINES ET UTILISATIONS
- (71) **PE CORPORATION (NY)** [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).
- (72) **WEI, Ming-Hui**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **KETCHUM, Karen**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **BEASLEY, Ellen, M.**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US).
- (74) **MILLMAN, Robert, A.**; Celera Genomics, Chief Intellectual Property Counsel, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/63**
- (11) **WO 02/40685** (13) A2
- (21) PCT/US01/43916
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,200 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • VECTORS FOR CONDITIONAL GENE INACTIVATION
• VECTEURS D'INACTIVATION GENIQUE CONDITIONNELLE
- (71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; 20 Thornewood Drive, Suite 105, Ithaca, NY 14850 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XIN, Hong-Bo** [CN/US]; 600 Warren Road, Apt. 5-3E, Ithaca, NY 14850 (US). **KOTLIKOFF, Michael** [US/US]; 11 The Byway, Ithaca, NY 14850 (US).
- (74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/55, 5/10, 9/16, C12Q 1/68, G01N 33/53, 33/50, A61K 48/00, 38/46, C12N 15/62**
- (11) **WO 02/40684** (13) A2
- (21) PCT/EP01/13065
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 60/247,713 **14 Nov/nov 2000** US
(14.11.2000)
- (30) 60/305,134 **16 Jul/juil 2001** US
(16.07.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • REGULATION OF HUMAN PURPLE ACID PHOSPHATASE
• REGULATION DE PHOSPHATASE ACIDE POURPRE D'ORIGINE HUMAINE
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SMOLYAR, Alex** [US/US]; 734 Boylston Street, Brookline, MA 02467 (US).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).
- (72) **WAN, Nick**; 11 Oakland Avenue, Auburn-dale, MA 02466 (US). **HOPPE, Henry, IV**; 4 Bulette Road, Acton, MA 01720 (US). **GOODRICK, Jason, C.**; Apt. #3, 320 Columbia Street, Cambridge, MA 02141 (US). **SCHILLING, Bernhard, M.**; 5904 Stearns Hill Road, Waltham, MA 02451 (US).
- (74) **TEGFELDT, Jennifer, A.**; Genzyme Corporation, One Kendall Square, Cambridge, MA 020139 (US).
- (81) AU CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C12N 15/82, 1/21, A01H 5/00, 5/10**
- (11) **WO 02/40687** (13) A2
- (21) PCT/EP01/13214
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 00124989.5 **16 Nov/nov 2000** EP
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • TISSUE SPECIFIC PROMOTERS
• PROMOTEURS SPECIFIQUES AUX TISSUS
- (71) **KWS SAAT AG** [DE/DE]; Grimsehlstrasse 31, 37555 Einbeck (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEHL, Reinhard** [DE/DE]; Schubertstrasse 1, 38114 Braunschweig (DE). **KLOOS, Dorothee** [DE/DE]; Thomaestrasse 16, 38118 Braunschweig (DE). **STAHL, Dietmar, Jürgen** [DE/DE]; Fasanengrund 10, 37574 Einbeck (DE).
- (74) **POHL, Manfred**; KWS SAAT AG, Grimsehlstrasse 31, 37555 Einbeck (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C12N 15/82**
- (11) **WO 02/40688** (13) A2
- (21) PCT/US01/43101
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,222 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MAIZE *YELLOW STRIPE1* AND RELATED GENES
• GENE *YELLOW STRIPE1 (YS1)* DU MAIS ET GENES APPARENTES
- (71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06520 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALKER, Elsbeth, L.** [US/US]; Biology Department, 611 North Pleasant Street, University of Massachusetts, Amherst, Amherst, MA 01003 (US). **DELLAPORTA, Stephen** [US/US]; Department of Molecular, Cell & Development Biology, OML 450A, Yale University, New Haven, CT 06520 (US).

- (74) **VEITENHEIMER, Erich, E.** et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/82, 9/02, A01H 5/00**
- (11) **WO 02/40689** (13) A2
- (21) PCT/US01/43462
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/715,834 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • EXPRESSION OF FLAVIN-CONTAINING MONOOXYGENASES IN PLANTS
• EXPRESSION DES MONO-OXYGENASES CONTENANT LA FLAVINE CHEZ LES VEGETAUX
- (71) **THE SALK INSTITUTE FOR BIOLOGICAL STUDIES** [US/US]; 10010 North Torrey Pines Road, La Jolla, CA 92037-1099 (US).
- (72) **ZHAO, Yunde**; 4089 Nobel Drive, #1, San Diego, CA 92123 (US). **CHORY, Joanne**; 727 Hoska Drive, Del Mar, CA 92014 (US). **FANKHAUSER, Christian**; 32 Avenue du Gros Chêne, CH-1213 Onex (CH). **WEIGEL, Detlef**; 601 Santa Helena, Solana Beach, CA 92075 (US). **CASHMAN, John**; 11171 Corte Cangrejo, San Diego, CA 92130 (US).
- (74) **HUNT, Dale, C.**; KNOBBE, MARTENS, OLSON & BEAR, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/82**
- (11) **WO 02/40690** (13) A2
- (21) PCT/US01/43686
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,535 **17 Nov/nov 2000 (17.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PRODUCTION OF MEDIUM CHAIN LENGTH POLYHYDROXYALCANOATES FROM FATTY ACID BIOSYNTHETIC PATHWAYS
• PRODUCTION DE POLYHYDROXYALCANOATES A CHAÎNE DE LONGUEUR MOYENNE A PARTIR DE VOIES DE BIOSYNTHESE D'ACIDES GRAS
- (71) **METABOLIX, INC.** [US/US]; 303 Third Street, Cambridge, MA 02142-1196 (US).
- (72) **AQUIN, Stephanie**; 33 Lee Street, Cambridge, MA 02139-2241 (US). **PEOPLES, Oliver, P.**; 27 Radcliffe Road, Arlington, MA 02474 (US). **SNELL, Kristi, D.**; 15 Gorham Road, Belmont, MA 02478 (US).
- (74) **PABST, Patrea, L.** et al. / etc.; Holland & Knight, LLP, Suite 2000, One Atlantic Center, 1201 West Peachtree Street, Atlanta, GA 30309-3400 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/82, 15/67, C07K 14/01, A01H 5/00**
- (11) **WO 02/40691** (13) A2
- (21) PCT/US01/47964
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) en (26) en
- (30) 60/245,354 **1 Nov/nov 2000 (01.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • STRAWBERRY VEIN BANDING VIRUS (SVBV) PROMOTER
• PROMOTEUR DU VIRUS DU LISERE DES NERVURES DU FRAISIER (SVBV)
- (71) **MAXYGEN, INC.** [US/US]; 515 Galveston Drive, Redwood City, CA 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WU, Gusui** [US/US]; 1322 Madera Court, Davis, CA 95616 (US). **MCBRIDE, Kevin** [US/US]; 1309 Marin Circle, Davis, CA 95616 (US).
- (74) **HOLMAN, Christopher** et al. / etc.; Maxygen, INC., 515 Galveston Drive, Redwood City, CA 94063 (US).
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- (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/85, 15/11, C12Q 1/68, C12N 5/16, A61K 48/00, A61P 9/00, A01K 67/00**
- (11) **WO 02/40692** (13) A2
- (21) PCT/EP01/13321
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) de (26) de
- (30) 60/249,390 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SPECIFIC PROMOTOR OF THE HUMAN VASCULAR ENDOTHELIAL CADHERIN-2 (HVE-CAD-2) GENE AND THE THERAPEUTIC USES THEREOF
• PROMOTEUR SPECIFIQUE DE L'ENDOTHELIUM VASCULAIRE DU GENE CADHERIN-2 (HVE-CAD-2) DE L'ENDOTHELIUM VASCULAIRE HUMAIN ET SES UTILISATIONS THERAPEUTIQUES
- (71) **CARDION AG** [DE/DE]; Max-Planck-Strasse 15a, 40699 Erkrath (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZWEIGERDT, Robert** [DE/DE]; Schinkelstrasse 43, 40699 Erkrath (DE). **RÜDIGER, Manfred** [DE/DE]; Kitzbühlerweg 34, 40789 Monheim (DE). **MOLL, Thomas, G.** [DE/DE]; 3301 81st Avenue North, Brooklyn Park, MN 55443 (DE).
- (74) **BÖSL, Raphael**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Galileiplatz 1, 81679 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 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 PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 15/86**
- (11) **WO 02/40693** (13) A1
- (21) PCT/NL01/00834
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 00204097.0 **20 Nov/nov 2000 (20.11.2000)** EP

(30) 60/249,965 **20 Nov/nov 2000** US
(**20.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • **ADENOVIRAL REPLICONS**
• **REPLICONS ADENOVIRAUX**

(71) **CRUCELL HOLLAND B.V.** [NL/NL];
Archimedesweg 4, NL-2333 CN Leiden
(NL).

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

(72, 75) **HAVENGA, Menzo, Jans, Emco**
[NL/NL]; Wilhelmina Druckerstraat 66,
NL-2401 KG Alphen a/d Rijn (NL). **BRUS,**
Ronald, Hendrik, Peter [NL/NL]; Baron
Schimmelpenninck van de Oyelaan 8,
NL-2252 EB Voorschoten (NL).

(74) **PRINS, A., W.**; Vereenigde, Nieuwe Park-
laan 97, NL-2587 BN 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C12P 17/02**

(11) **WO 02/40694** (13) A2

(21) PCT/DK01/00763

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) PA 2000 01730 **17 Nov/nov 2000** DK
(**17.11.2000**)

(30) 60/253,843 **29 Nov/nov 2000** US
(**29.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • **HETEROLOGOUS EXPRESSION OF
TAXANES**
• **EXPRESSION HETEROLOGUE DES
TAXANES**

(71) **NOVOZYMES A/S** [DK/DK]; Krogshøjvej
36, DK-2880 Bagsværd (DK).

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

(72, 75) **VIND, Jesper** [DK/DK]; Bagsvaerdvej
115, DK-2800 Lyngby (DK).

(74) **NOVOZYMES A/S**; Att: Patents,
Krogshøjvej 36, DK-2880 Bagsværd (DK).

(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 HR HU ID 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 PH PL PT RO RU SD SE SG SI
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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);

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

(51)⁷ **C12P 21/00**

(11) **WO 02/40695** (13) A1

(21) PCT/KR01/01953

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ko (26) en

(30) 2000/67695 **15 Nov/nov 2000** KR
(**15.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • **METHOD FOR MASS-PRODUCING
HUMAN FERRITIN USING RECOMBINANT
NETHYLOTROPIC YEASTS**

- **PROCEDE DE PRODUCTION EN SE-
RIE DE FERRITINE HUMAINE A
PARTIR DE LEVURES METHYLO-
TROPES RECOMBINEES**

(71) **RNA INC.** [KR/KR]; #308 College of Indus-
try Building, Kyung Hee Univ., Seochun-ri,
Kiheung-eup, Kyunggi-do, Yongin 449-701
(KR).

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

(72, 75) **KIM, Hae-Yeong** [KR/KR]; #1
Seocheon-ri, Kiheung-eup, Kyunggi-do,
449-900 Yongin-si (KR). **LEE, Jung-Lim**
[KR/KR]; Sambu APT. 212-1802,
Yuido-dong, Youngdeungpo-gu, Seoul
150-010 (KR). **CHUNG, Dae-Kyun**
[KR/KR]; Usung APT., 212-1802, Seo-
hyun-dong, Bundang-gu, Kyunggi-do,
Seongnam-si 463-050 (KR).

(74) **KIM, Seog-Hyun**; 9th Floor, Daekyung
Building, 120, 2-ga, Taepyeong-ro, Chung-gu,
Seoul 100-724 (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 NO NZ PH PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C12P 21/02**

(11) **WO 02/40696** (13) A2

(21) PCT/EP01/12920

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 0027782.2 **14 Nov/nov 2000** GB
(**14.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • **METHODS FOR LARGE SCALE PRO-
TEIN PRODUCTION IN PROKARY-
OTES**

- **PROCEDES DE PRODUCTION DE
PROTEINES A GRANDE ECHELLE
DANS DES PROCARYOTES**

(71) **BOEHRINGER INGELHEIM INTER-
NATIONAL GMBH** [DE/DE]; 55216
Ingelheim / Rhein (DE).

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

(72, 75) **WERNER, Rolf-Günther** [DE/DE];
Hugo-Haering-Strasse 72, 88400 Biberach an
der Riss (DE). **GOETZ, Friedrich** [DE/DE];
Beim Herbstenhof 31, 72076 Tübingen (DE).
TAYAPIWATANA, Chatchai [TH/TH];
369/73 Soi Pradoo 1, Janava Rd., BKK (TH).
MANOSROI, Jiradej [TH/TH]; 234/171
Siriwatana Nives Mahidol Road, Nong Hoi,
Muang Chiang Mai 50000 (TH). **MANOS-
ROI, Aranya** [TH/TH]; 234/171 Siriwatana
Nives Mahidol Road, Nong Hoi, Muang
Chiang Mai 50000 (TH).

(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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ **C12P 21/08**

(11) **WO 02/40697** (13) A2

(21) PCT/US01/45623

(22) **1 Nov/nov 2001 (01.11.2001)**

(25) en (26) en

(30) 60/245,962 **3 Nov/nov 2000** US
(**03.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • **METABOLIC RATE SHIFTS IN FER-
MENTATIONS EXPRESSING RECOM-
BINANT PROTEINS**

- **DECALAGES DU RYTHME METABO-
LIQUE DANS DES FERMENTATIONS
EXPRIMANT DES PROTEINES DE RE-
COMBINAISON**

(71) **GENENTECH, INC.** [US/US]; 1 DNA
Way, South San Francisco, CA 94080-4990
(US).

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

(72, 75) **ANDERSEN, Dana** [US/US]; 2808 Car-
olina Way, Redwood City, CA 94061 (US).
JOLY, John [US/US]; 3205 Monterey Street,
San Mateo, CA 94403 (US). **SNEDECOR,
Bradley, R.** [US/US]; 310 Gabarda Way, Por-
tola Valley, CA 94028 (US).

(74) **FEHLNER, Paul, F., Ph.D.** et al. / etc.;
Darby & Darby P.C., 805 Third Avenue, New
York, NY 10022-7513 (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 EC EE ES FI GB GD GE HR HU ID 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 PH PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA

- (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12Q
- (11) **WO 02/40698** (13) A2
- (21) PCT/US01/43583
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/715,865 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ANALYSIS OF SOLUBLE FACTOR BIOLOGICAL MARKERS
- ANALYSE DE MARQUEURS BIOLOGIQUES DE FACTEURS SOLUBLES
- (71) **SURROMED, INC.** [US/US]; 2375 Garcia Avenue, Mountain View, CA 94043 (US).
- (72) **SINGH, Rajendra**; 6281 Grand Oak Way, San Jose, CA 95135 (US). **CROMER, Remy**; 4267 Colombo Drive, San Jose, CA 95130 (US).
- (74) **SWANSON, J., Barry** et al. / etc.; 1745 Shea Center Drive, Suite 330, Highlands Ranch, CO 80129 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12Q
- (11) **WO 02/40699** (13) A2
- (21) PCT/US01/44284
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,876 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SAMPLING AND STORAGE SYSTEM FOR GENETIC MATERIAL FROM TISSUE
- SYSTEME D'ECHANTILLONNAGE ET DE STOCKAGE POUR MATERIEL GENETIQUE ISSU DE TISSU
- (71) **WHATMAN, INC.** [US/US]; 200 Wells Avenue, Newton, MA 02459-3304 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PHILPOTT, Richard** [GB/GB]; Accunen Bioscience Ltd., The Technology Partnership, Melbourne Science Park, Cambridge Road, Melbourne, Royston, Herts SG8 6EE (GB). **SMITH, Martin, A.** [US/US]; 127 Browne Street, Brookline, MA 02146 (US). **IGOE, Frank, D.** [US/US]; 321 Fisher Street, Walpole, MA 02081 (US). **DAVIS, James, C.** [US/US]; 2 Autumn Lane, Kingstone, MA 02304 (US).
- (74) **CONLIN, David, G.**; DBRC, Intellectual Property Practice Group of Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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
- (11) **WO 02/40700** (13) A2
- (21) PCT/US01/45003
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/714,692 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CORTICOTROPIN RELEASING FACTOR RECEPTOR 2 DEFICIENT MICE AND USES THEREOF
- SOURIS A DEFICIENCE DE RECEPTEUR 2 DU FACTEUR DE LIBERATION DE LA CORTICOTROPINE, ET UTILISATIONS ASSOCIEES
- (71) **RESEARCH DEVELOPMENT FOUNDATION** [US/US]; 402 North Division Street, Carson City, NV 89703 (US).
- (72) **LEE, Kuo-Fen**; 13269 Mango Drive, Del Mar, CA 92014 (US). **VALE, Wylie**; 1643 Valdes, La Jolla, CA 92307 (US). **BALE, Tracy, L.**; 7780 Prairie Shadow Road, San Diego, CA 92126 (US). **SMITH, George, W.**; 530 Beacon Lake Drive No. 7, Mason, MI 48854 (US).
- (74) **WEILER, James, F.**; 1 Riverway, Suite 1560, Houston, TX 77056 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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
- (11) **WO 02/40701** (13) A2
- (21) PCT/US01/46568
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 60/247,522 **8 Nov/nov 2000 US (08.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ENERGY TRANSFER LABELS WITH MECHANICALLY LINKED FLUOROPHORES
- MARQUEURS DE TRANSFERT D'ENERGIE AVEC FLUOROPHORES RELIES MECANIQUEMENT
- (71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REBEK, Julius, Jr.** [US/US]; 2330 Calle del Oro, La Jolla, CA 92037 (US).
- (74) **WARBURG, Richard, J.** et al. / etc.; FOLEY & LARDNER, P.O. Box 80278, San Diego, CA 92138-0278 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/40702** (13) A2
- (21) PCT/US01/46194
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 60/246,717 **9 Nov/nov 2000 US (09.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS FOR THE TREATMENT OF CANCER AND OTHER DISEASES AND METHODS OF DEVELOPING THE SAME
- METHODES DE TRAITEMENT DU CANCER ET D'AUTRES MALADIES ET PROCEDES PERMETTANT DE DEVELOPPER CES METHODES
- (71) **VANDERBILT UNIVERSITY** [US/US]; 2201 West End Avenue, Nashville, TN 37235 (US).
- (72) **KRAVTSOV, Vladimir, D.**; 66 Ravenwood Hills Center, Nashville, TN 37215 (US). **KOURY, Mark, J.**; 2613 Ashwood Avenue, Nashville, TN 37212 (US). **ROTHENBERG, Mace**; 524 Sandpiper Circle, Nashville, TN 37221 (US).
- (74) **ZEGGER, Paul, J.** et al. / etc.; Pennie & Edmonds LLP, 1155 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/02

(11) WO 02/40703 (13) A1

(21) PCT/IL00/00756

(22) 15 Nov/nov 2000 (15.11.2000)

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR IDENTIFYING AND ISOLATING RARE CELLS FROM A MIXED POPULATION OF CELLS

• SYSTEME ET PROCEDE POUR IDENTIFIER ET ISOLER DES CELLULES RARES DANS UNE POPULATION MIXTE DE CELLULES

(71) **MOTOBIT LTD.** [IL/IL]; 80 Borochof Street, 43410 Raanana (IL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YEMINI, Adi** [IL/IL]; 80 Borochof Street, 43410 Raanana (IL). **YEMINI, Ziva** [IL/IL]; 80 Borochof Street, 43410 Raanana (IL).

(74) **SANFORD T. COLB & CO.**; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/04, 1/10, C12N 1/20, C12Q 1/44

(11) WO 02/40704 (13) A1

(21) PCT/FR01/03610

(22) 16 Nov/nov 2001 (16.11.2001)

(25) fr (26) fr

(30) 00/14881 17 Nov/nov 2000 FR (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND MEDIUM FOR DETECTING/IDENTIFYING MICRO-ORGANISMS WITH ESTERASE ACTIVITY

• PROCEDE ET MILIEU DE DETECTION/IDENTIFICATION DE MICROORGANISMES A ACTIVITE ESTERASIQUE

(71) **BIO MERIEUX** [FR/FR]; Chemin de l'Orme, F-69280 MARCY L'ETOILE (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROGER-DALBERT, Céline** [FR/FR]; 2 Place des Droits de l'Homme, F-01150 VAULX-EN-BUGEY (FR).

(74) **CABINET PLASSERAUD**; 84 rue d'Amsterdam, F-75440 PARIS CEDEX 09 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW ZW.

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

(51)⁷ C12Q 1/04, 1/44, 1/37, 1/42, C12N 1/20

(11) WO 02/40705 (13) A1

(21) PCT/FR01/03627

(22) 19 Nov/nov 2001 (19.11.2001)

(25) fr (26) fr

(30) 00/14892 17 Nov/nov 2000 FR (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR IDENTIFYING <I>LISTERIA</I> <I>MONOCYTOGENES</I> AND CULTURE MEDIUM

• PROCEDE D'IDENTIFICATION DE LISTERIA MONOCYTOGENES ET MILIEU DE CULTURE

(71) **BIOMERIEUX S.A.** [FR/FR]; Chemin de l'Orme, F-69280 Marcy l'Etoile (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROGER-DALBERT, Céline** [FR/FR]; 2, Place des Droits de l'Homme, F-01150 Vaux en Bugey (FR). **BARBAUX, Laurence** [FR/FR]; 5, Rue André Lemètre, F-01500 Amberieu-En-Bugey (FR).

(74) **BONNEAU, Gérard**; Les Taissounières HB3, 1681, Route des Dolines, F-06560 Sophia Antipolis (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/34, 1/37, 1/48, 1/04, C12N 1/20

(11) WO 02/40706 (13) A2

(21) PCT/FR01/03611

(22) 16 Nov/nov 2001 (16.11.2001)

(25) fr (26) fr

(30) 00/14879 17 Nov/nov 2000 FR (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND MEDIUM FOR DETECTING/IDENTIFYING MICRO-ORGANISMS WITH ESTERASE AND/OR OSIDASE AND/OR PEPTIDASE

AND/OR SULPHATASE AND/OR PHOSPHATASE ACTIVITY

• PROCEDE ET MILIEU DE DETECTION/IDENTIFICATION DE MICROORGANISMES A ACTIVITE ESTERASE ET/OU OSIDASE ET/OU PEP-TIDASE ET/OU SULFATASE ET/OU PHOSPHATATE

(71) **BIO MERIEUX** [FR/FR]; Chemin de l'Orme, F-69280 MARCY L'ETOILE (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GILBERT, Sandra** [FR/FR]; 274 rue d'Estienne d'Orves, F-92700 COLOMBES (FR). **ROGER-DALBERT, Céline** [FR/FR]; 2 Place des Droits de l'Homme, F-01150 VAULX-EN-BUGEY (FR). **ORENGA, Sylvain** [FR/FR]; 164 Route du Suran, Saint-André-le-Bas, F-01160 NEUVILLE SUR AIN (FR).

(74) **CABINET PLASSERAUD** et al. / etc.; 84 rue d'Amsterdam, F-75440 PARIS CEDEX 09 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW ZW.

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

(51)⁷ C12Q 1/44, 1/26, 1/61, 1/28, G01N 33/92

(11) WO 02/40707 (13) A1

(21) PCT/JP01/09899

(22) 13 Nov/nov 2001 (13.11.2001)

(25) ja (26) ja

(30) 2000-346791 14 Nov/nov 2000 JP (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF LIPID ASSAY AND REAGENT FOR USE THEREIN

• PROCEDE DE MESURE DES LIPIDES ET REACTIF ASSOCIE

(71) **DAIICHI PURE CHEMICALS CO., LTD.** [JP/JP]; 13-5, Nihombashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

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

(72, 75) **YAMAMOTO, Mitsuki** [JP/JP]; c/o DAIICHI PURE CHEMICALS CO., LTD., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 (JP). **YAMAMOTO, Shoko** [JP/JP]; c/o DAIICHI PURE CHEMICALS CO., LTD., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 (JP). **NAKAMURA, Mitsuhiro** [JP/JP]; c/o DAIICHI PURE CHEMICALS CO., LTD., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 (JP). **SAITO, Kazunori** [JP/JP]; c/o DAIICHI PURE CHEMICALS CO., LTD., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 (JP).

(74) **ONO, Nobuo** et al. / etc.; Mitobe Bldg. 4F, 1-13-1, Kandaizumi-cho, Chiyoda-ku, Tokyo 101-0024 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 02/40708 (13) A2

(21) PCT/DE01/04290

(22) 15 Nov/nov 2001 (15.11.2001)

(25) de (26) de

(30) 100 57 501.3 20 Nov/nov 2000 DE (20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR THE RETENTION OF INFORMATION DATA FOR THE APPLICATION OF A BIOCHIP/SAMPLE SUPPORT

• PROCEDE POUR OBTENIR DES DONNEES D'INFORMATIONS POUR L'UTILISATION D'UNE BIOPUCE/UN SUPPORT D'ECHANTILLONS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOLL, Peter [DE/DE]; Trifhofstr. 16A, 82362 Weilheim (DE). DROBNER, Franz [DE/DE]; Esswurmstr. 19, 81371 München (DE). KASSEL, Christian [DE/DE]; Münchener Str. 18, 85640 Putzbrunn (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ C12Q 1/68

(11) WO 02/40709 (13) A2

(21) PCT/DK01/00756

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) PA 2000 01717 16 Nov/nov 2000 DK (16.11.2000)

(30) PA 2001 00765 15 May/mai 2001 DK (15.05.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • GENETIC TEST FOR THE IDENTIFICATION OF CARRIERS OF COMPLEX VERTEBRAL MALFORMATIONS IN CATTLE

• TEST GENETIQUE POUR L'IDENTIFICATION DE BETAAIL PORTEUR DE MALFORMATIONS VERTEBRALES COMPLEXES

(71) MINISTERIET FOR FØDERVARER, LANDBRUG OG FISKERI DANMARKS JORDBRUGSFORSKNING [DK/DK]; Forskningscenter Foulum, Post Office Box 50, DK-8830 Tjele (DK). DANSK KVÆGAVL [DK/DK]; Udkærvej 15, Skejby, DK-8200 Århus N (DK).

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

(72, 75) BENDIXEN, Christian [DK/DK]; Amstrupvej 7, DK-8860 Ulstrup (DK). SVENSDEN, Søren [DK/DK]; Rindsvej 13, st. tv., DK-8900 Randers (DK). JENSEN, Helle [DK/DK]; Sct. Jørgensvej 24, lejl. 11, DK-8800 Viborg (DK). PANITZ, Frank [DK/DK]; Øster Bordingvænget 19B, DK-8600 Silkeborg (DK). AASBERG, Anders [DK/DK]; Skejbytoften 122, DK-8200 Århus N (DK). HOLM, Lars-Erik [DK/DK]; Solsortevej 1, DK-8370 Hadsten (DK). HORN, Per [DK/DK]; Nørresøkollegiet 13, DK-8800 Viborg (DK). HØJ, Anette [DK/DK]; Viborgvej 1, Hammershøj, DK-8830 Tjele (DK). THOMSEN, Bo [DK/DK]; Ryhaven 49, DK-8210 Århus V (DK). JEPPESEN, Mette [DK/DK]; Rønnevej 36, DK-8800 Viborg (DK). NIELSEN, Vivi, Hunnicke [DK/DK]; Veldsparken 72, Ørum, DK-8830 Tjele (DK). JONKER, Marc [DK/DK]; Engboulevarden 37, st. th., DK-8900 Randers (DK).

(74) PLOUGMANN & VINGTOFT A/S; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68, G01N 33/50

(11) WO 02/40710 (13) A2

(21) PCT/EP01/12951

(22) 8 Nov/nov 2001 (08.11.2001)

(25) de (26) de

(30) 100 56 802.5 14 Nov/nov 2000 DE (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR DETECTING METHYLATION STATES FOR A TOXICOLOGICAL DIAGNOSTIC

• PROCEDE DE DETECTION D'ETATS DE METHYLATION AFIN DE PERMETTRE LE DIAGNOSTIC TOXICOLOGIQUE

(71) EPIGENOMICS AG [DE/DE]; Kastanienallee 24, 10435 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OLEK, Alexander [DE/DE]; Schröderstrasse 13, 10115 Berlin (DE). PIEPENBROCK, Christian [DE/DE]; Schwartzkopffstrasse 7 B, 10115 Berlin (DE). BERLIN, Kurt [DE/DE]; Marienkäferweg 4, 14532 Stahnsdorf (DE).

(74) SCHUBERT, Klemens; Neue Promenade 5, 10178 Berlin-Mitte (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/68

(11) WO 02/40711 (13) A1

(21) PCT/FR01/03599

(22) 16 Nov/nov 2001 (16.11.2001)

(25) fr (26) fr

(30) 00/14896 17 Nov/nov 2000 FR (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR ANALYSING A PATIENT'S PREDISPOSITION TO INSULIN-DEPENDENT DIABETES, DEVICE AND SET OF PRIMERS

• PROCEDE D'ANALYSE DE LA PREDISPOSITION D'UN PATIENT AU DIABETE INSULINO-DEPENDANT, DISPOSITIF ET JEU D'AMORCES

(71) BIOMERIEUX S.A. [FR/FR]; Chemin de l'Orme, F-69280 Marcy l'Etoile (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOUGIN, Bruno [FR/FR]; 29, rue Lamartine, F-69003 Lyon (FR).

(74) BONNEAU, Gérard; Cabinet Bonneau, Les Taissounières HB3, 1681, route des Dolines, F-06560 Sophia Antipolis (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/68, G06F 17/00

(11) WO 02/40712 (13) A1

(21) PCT/GB01/05062

- (22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 0027992.7 **16 Nov/nov 2000 GB (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • APPARATUS AND METHOD FOR ANALYSING CHEMICAL SAMPLES
• APPAREIL ET PROCEDE PERMETTANT D'ANALYSER DES ECHANTILLONS CHIMIQUES
- (71) **MOLECULAR SENSING PLC** [GB/GB]; 3 Challemead Business Park, Bedford Road, Melksham SN12 8LH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COBB, Benjamin, David** [GB/GB]; The Croft, North Wraxall, Wiltshire SN14 8RY (GB).
- (74) **HUMPHREYS, Ceris, Anne** 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C12Q 1/68, C12N 15/09**
(11) **WO 02/40713** (13) A1
(21) PCT/JP01/09938
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) ja (26) ja
(30) 2000-347184 **14 Nov/nov 2000 JP (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • NUCLEIC ACIDS FOR DETECTING FUNGI BELONGING TO THE GENUS *CANDIDA* AND METHOD OF DETECTING FUNGI BELONGING TO THE GENUS *CANDIDA* BY USING THE SAME
• ACIDES NUCLEIQUES PERMETTANT DE DETECTER DES CHAMPIGNONS APPARTENANT AU GENRE *CANDIDA* ET METHODE PERMETTANT DE DETECTION DES CHAMPIGNONS APPARTENANT AU GENRE *CANDIDA* A L'AIDE DE CES ACIDES NUCLEIQUES
- (71) **SSP CO., LTD.** [JP/JP]; 12-4, Nihonbashi-Hamacho 2-chome, Chuo-ku, Tokyo 103-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOKOYAMA, Koji** [JP/JP]; 2-10-201, Nirenokidai, 3261, Asahigaokacho, Hanamigawa-ku, Chiba-shi, Chiba 262-0017 (JP).
- (74) **TANIGAWA, Hidejiro**; c/o TANIGAWA AND ASSOCIATES, Patent Firm, 6F, Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).
- (81) CA CN KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- (51)⁷ **C12Q 1/68, 1/04**
(11) **WO 02/40714** (13) A1
(21) PCT/NZ01/00257
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 508271 **17 Nov/nov 2000 NZ (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • DETERMINATION OF SAMPLE ORIGIN BY A MICRO FLORA DNA PROFILING METHOD
• DETERMINATION DE L'ORIGINE D'UN ECHANTILLON PAR UN PROCEDE D'ETABLISSEMENT DE PROFILS D'ADN DE MICROFLORE
- (71) **INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH LIMITED** [NZ/NZ]; Kenepuru Science Centre, Kenepuru Drive 34, Porirua (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HORSWELL, Jacqueline** [GB/NZ]; Kenepuru Science Centre, Kenepuru Drive 23, Porirua (NZ). **CORDINER, Stephen, John** [NZ/NZ]; Kenepuru Science Centre, Kenepuru Drive 34, Porirua (NZ). **MAAS, Elizabeth, Wilhelmina** [NL/NZ]; P.O. Box 13-454, Johnsonville (NZ). **SUTHERLAND, Kahurangi, Bjorn, Wallace** [NZ/NZ]; Kenepuru Science Centre, Kenepuru Drive 34, Porirua (NZ). **SPEIR, Thomas, Wilson** [NZ/NZ]; Kenepuru Science Centre, Kenepuru Drive 34, Porirua (NZ). **MARTIN, Tania, Michelle** [NZ/NZ]; Eskdale Road 68, Papakowhai (NZ).
- (74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Shelston Waters, P.O. Box 852, Wellington 6001 (NZ).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **C12Q 1/68**
(11) **WO 02/40715** (13) A2
(21) PCT/US01/27628
(22) **6 Sep/sep 2001 (06.09.2001)**
(25) en (26) en
- (30) 60/230,517 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,599 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,514 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,598 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,988 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,518 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,515 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,610 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,597 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,505 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,519 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,595 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,865 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/230,989 **6 Sep/sep 2000 (06.09.2000)** US
(30) 60/231,167 **7 Sep/sep 2000 (07.09.2000)** US
(30) 60/231,163 **7 Sep/sep 2000 (07.09.2000)** US
(30) 60/230,951 **7 Sep/sep 2000 (07.09.2000)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) • MOLECULES FOR DISEASE DETECTION AND TREATMENT
• MOLECULES PERMETTANT LA DETECTION ET LE TRAITEMENT DE MALADIES
- (71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JACKSON, Stuart** [US/US]; 4913 Deep Creek Road, Fremont, CA 94555 (US). **LINCOLN, Stephen, E.** [US/US]; 725 Sapphire Street, Redwood City, CA 94061 (US). **ALTUS, Christina, M.** [US/US]; 625 Virginia Avenue, Campbell, CA 95008 (US). **DUFOUR, Gerard, E.** [US/US]; 5327 Greenridge Road, Castro Valley, CA 94552 (US). **CHALUP, Michael, S.** [US/US]; 183 Acalanes Drive, Apt. 6, Sunnyvale, CA 94086 (US). **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive, #17, Mountain View, CA 94040 (US). **JONES, Anissa, Lee** [US/US]; 445 South 15th Street, San Jose, CA 95112 (US). **YU, Jimmy, Y.** [US/US]; 37330 Portico Terrace, Fremont, CA 94536 (US). **WRIGHT, Rachel, J.** [NZ/US]; 333 Anna Avenue, Mountain View, CA 94043 (US). **GIETZEN, Darryl** [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US). **LIU, Tommy, F.** [US/US]; 201 Otilia Street, Daly City, CA 94014 (US). **YAP, Pierre, E.** [US/US]; 201 Happy Hollow

- Court, Lafayette, CA 94549 (US). **DAHL, Christopher, R.** [US/US]; 41277 Roberts Avenue, #6, Fremont, CA 94538 (US). **MOMIYAMA, Monika, G.** [US/US]; 25689 Deer Trail Place, Hayward, CA 94541 (US). **BRADLEY, Diana, L.** [US/US]; 3260 Crystal Heights Drive, Soquel, CA 95073 (US). **ROHATGI, Sameer, D.** [US/US]; 5 Rico Way #103, San Francisco, CA 94123 (US). **HARRIS, Bernard** [US/US]; 1014 Lupine Drive, Sunnyvale, CA 94086 (US). **ROSE-BERRY, Ann, M.** [US/US]; 725 Sapphire Street, Redwood City, CA 94061 (US). **GERSTIN, Edward, H., Jr.** [US/US]; 1408 38th Avenue, San Francisco, CA 94122 (US). **PERALTA, Careyna, H.** [US/US]; 4585 Lakeshore Drive, Santa Clara, CA 95054 (US). **DAVID, Marie, H.** [US/US]; 131 Mirada Drive, Daly City, CA 94015 (US). **PANZER, Scott, R.** [US/US]; 965 East El Camino, #621, Sunnyvale, CA 94087 (US). **FLORES, Vincent** [US/US]; 35000 Begonia Street, Union City, CA 94587 (US). **DAFFO, Abel** [US/US]; 1750 Stokes St., #70, San Jose, CA 95126 (US). **MARWAHA, Rakesh** [CA/US]; 16272 Saratoga Street, #4, San Leandro, CA 94578 (US). **CHEN, Alice, J.** [US/US]; 4405 Norwalk Drive, #22, San Jose, CA 95129 (US). **CHANG, Simon, C.** [US/US]; 1901 Rock Street #103, Mountain View, CA 94043 (US). **AU, Alan, P.** [US/US]; 565 Ortega Avenue, #3, Mountain View, CA 94040 (US). **INMAN, Rebekah, R.** [US/US]; 210 Calderon Avenue, #23, Mountain View, CA 94041 (US).
- (74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 3160 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/68**
- (11) **WO 02/40716** (13) A2
- (21) PCT/US01/43461
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 60/249,508 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROFILING TUMOR SPECIFIC MARKERS FOR THE DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE
- ETABLISSEMENT DE PROFIL DE MARQUEURS SPECIFIQUES AUX TUMEURS POUR LE DIAGNOSTIC ET LE TRAITEMENT DE MALADIES NEOPLASMIQUES
- (71) **CEMINES, LLC** [US/US]; Suite H, 3082 Evergreen Parkway, Evergreen, CO 80439 (US).
- (72) **PALM, Kaia**; Apartment 10, 1123 9th Street, Santa Monica, CA 90403 (US).
- (74) **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/68**
- (11) **WO 02/40717** (13) A2
- (21) PCT/US01/43726
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,410 **14 Nov/nov 2000 US (14.11.2000)**
- (30) 10/008,107 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • *IN VITRO* CELL-BASED METHODS FOR BIOLOGICAL VALIDATION AND PHARMACOLOGICAL SCREENING OF CHEMICAL ENTITIES AND BIOLOGICALS
- PROCEDES REPOSANT SUR L'UTILISATION DE CELLULES *IN VITRO* POUR LA VALIDATION BIOLOGIQUE ET LE CRIBLAGE PHARMACOLOGIQUE D'ENTITES CHIMIQUES ET DE PRODUITS BIOLOGIQUES
- (63) US 60/248,410 (CIP) 14 Nov/nov 2000 (14.11.2000)
- US Not furnished / non communiqué (CIP) 13 Nov/nov 2001 (13.11.2001)
- (71, 72) **MOHANLAL, Ramon, W.** [NL/US]; 915 Lakeview Drive, Portage, MI 49002 (US).
- (74) **ELRIFI, Ivor, R.**; Mintz, Levin, Cohn, Ferris, Glosky, and Popeo, P., C., One Financial Center, Boston, MA 02111 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/68, C07K 14/47, C12N 15/85, 5/10**
- (11) **WO 02/40718** (13) A2
- (21) PCT/US01/43781
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,403 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD TO IDENTIFY GENES ASSOCIATED WITH CHRONIC MYELOGENOUS LEUKEMIA
- METHODE D'IDENTIFICATION DE GENES ASSOCIES A LA LEUCEMIE MYELOIDE CHRONIQUE
- (71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; 450 McNamara Alumni Center, 200 Oak Street S.E., Minneapolis, MN 55455-2070 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VERFAILLIE, Catherine, M.** [BE/US]; 585 Cretin Avenue South, Saint Paul, MN 55116 (US). **SALESSE, Stephanie** [FR/US]; Apartment 11, 2012 Garfield Avenue South, Minneapolis, MN 55405 (US). **QI, Huilin** [CN/US]; 16000 12th Avenue North, Plymouth, MN 55447 (US).
- (74) **VIKSINIS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/68, C07K 14/47, C12N 15/85, C07K 16/18, C12N 5/10**
- (11) **WO 02/40719** (13) A2
- (21) PCT/US01/44039
- (22) **17 Nov/nov 2001 (17.11.2001)**
- (25) en (26) en
- (30) 60/249,468 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • RETINOID PATHWAY ASSAYS, AND COMPOSITIONS THEREFROM
- DOSAGES DE VOIES DU RETINOIDE, ET COMPOSITIONS CORRESPONDANTES
- (71) **DELTAGEN PROTEOMICS, INC.** [US/US]; Suite 300, 615 Arapeen Drive, Salt Lake City, UT 84108 (US).

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

(72, 75) **KAMB, Carl, Alexander** [US/US]; 696 Donner Hill Circle, Salt Lake City, UT 84108 (US). **RICHARDS, Burt, Timothy** [US/US]; c/o Deltagen Proteomics Inc., 615 Arapeen Dr. #300, Salt Lake City, UT 84108 (US). **KARPILOW, Jon** [US/US]; 3851 Orion Court, Boulder, CO 80304 (US).

(74) **WILLIAMS, Joseph, A., Jr.**; Marshall, Gerstein & Borun, 233 South Wacker Drive #6300, Chicago, IL 60606 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C12Q 1/68, G01N 33/574, C07K 14/47, C12N 15/12, C07K 16/18**

(11) **WO 02/40720** (13) A2

(21) PCT/US01/45010

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 60/249,997 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMPOSITIONS AND METHODS RELATING TO OVARY SPECIFIC GENES AND PROTEINS

• COMPOSITIONS ET PROCEDES POUR UNE UTILISATION RELATIVE A DES GENES ET A DES PROTEINES SPECIFIQUES DES OVAIRES

(63) US 60/249,997 (CIP)
20 Nov/nov 2000 (20.11.2000)

(71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).

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

(72, 75) **SALCEDA, Susana** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **MACINA, Roberto, A.** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **RECIPON, Herve** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **CAFFERKEY, Robert** [IE/US]; 350 Elan Village Lane, Apartment 218, San Jose, CA 95134 (US). **SUN, Yongming** [US/US]; 869 S. Winchester Boulevard, Apartment 260, San Jose, CA 95128 (US). **LIU, Chenghua** [CN/US]; 1125 Ranchero Way #14, San Jose, CA 95117 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Licata & Tyrell P.C., 66 E. Main Street, Marlton, NJ 08053 (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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C21C 5/32**

(11) **WO 02/40721** (13) A1

(21) PCT/JP01/09971

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-349746 **16 Nov/nov 2000 JP (16.11.2000)**

(30) 2001-302591 **28 Sep/sep 2001 JP (28.09.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CONVERTER OXYGEN BLOWING METHOD AND UPWARD BLOWING LANCE FOR CONVERTER OXYGEN BLOWING

• PROCEDE DE SOUFFLAGE D'OXYGENE DE CONVERTISSEUR ET LANCE DE SOUFFLAGE VERS LE HAUT POUR SOUFFLAGE D'OXYGENE DE CONVERTISSEUR

(71) **NKK CORPORATION** [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) **SUMI, Ikuhiro** [JP/JP]; c/o NKK CORPORATION, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KIKUCHI, Yoshiteru** [JP/JP]; c/o NKK CORPORATION, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KAWABATA, Ryo** [JP/JP]; c/o NKK CORPORATION, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **WATANABE, Atsushi** [JP/JP]; c/o NKK CORPORATION, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **AKAI, Shinichi** [JP/JP]; c/o NKK CORPORATION, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KOHIRA, Satoshi** [JP/JP]; c/o NKK CORPORATION, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) **NAKAHAMA, Yasumitsu**; c/o Intellectual Property Dept., NKK CORPORATION, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 (JP).

(81) BR CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **C21D 8/02, C22C 38/10**

(11) **WO 02/40722** (13) A1

(21) PCT/FR01/03595

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) fr (26) fr

(30) 00/14807 **17 Nov/nov 2000 FR (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR MAKING A STRIP OR A WORKPIECE CUT OUT FROM A COLD ROLLED MARAGING STEEL STRIP

• PROCEDE POUR FABRIQUER UNE BANDE OU UNE PIECE DECOUPEE DANS UNE BANDE EN ACIER MARAGING LAMINEE A FROID

(71) **IMPHY UGINE PRECISION** [FR/FR]; Immeuble "La Pacific", La Défense 7, 11-13, cours Valmy, F-92800 Puteaux (FR).

(72) **COUTU, Lucien**; Flatt 117, North end House, Ory London W14 (FR).

(74) **LAGRANGE, Jacques**; Immeuble "La Pacific", La Défense 7, 11/13, cours Valmy, F-92070 la Defense Cedex (FR).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE 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 PL RO RU SD SG SI SK SL TJ TM TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C22B 1/10**

(11) **WO 02/40723** (13) A1

(21) PCT/FI01/00982

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) fi (26) en

(30) 20002495 **15 Nov/nov 2000 FI (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR THE STABILIZATION OF A FLUIDIZED BED IN A ROASTING FURNACE

• PROCEDE PERMETTANT DE STABILISER UN LIT FLUIDISE DANS UN FOUR DE GRILLAGE

(71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).

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

(72, 75) **TASKINEN, Pekka** [FI/FI]; Pentastaskuntie 28, FIN-28220 Pori (FI). **METSÄRINTA, Maija-Leena** [FI/FI]; Sauramotie 7, FIN-28450 Vanha-Ulvila (FI). **NYBERG, Jens** [FI/FI]; Matruusinkatu 3 D 7, FIN-67100 Kokkola (FI). **RYTIOJA, Aija** [FI/FI]; Pormestarinkatu 29 B 3, FIN-67100 Kokkola (FI).

(74) **OUTOKUMPU OYJ**; Intellectual Property Management, P.O. Box 27, FIN-02201 Espoo (FI).

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR)
(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 C22B 1/10

(11) WO 02/40724 (13) A1

(21) PCT/FI01/00983

(22) 13 Nov/nov 2001 (13.11.2001)

(25) fi (26) en

(30) 20002496 15 Nov/nov 2000 FI
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • METHOD FOR REDUCING BUILD-UP
ON A ROASTING FURNACE GRATE
• PROCEDE DE REDUCTION D'ACCUMULATION
SUR UNE GRILLE DE FOUR DE GRILLAGE

(71) OUTOKUMPU OYJ [FI/FI]; Riihitontuntie
7, FIN-02200 Espoo (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TASKINEN, Pekka [FI/FI]; Pensastaskuntie 28, FIN-28220 Pori (FI).
METSÄRINTA, Maija-Leena [FI/FI]; Sauramotie 7, FIN-28450 Vanha-Ulvila
(FI). JÄRVI, Juha [FI/FI]; Kaunokkitie 4,
FIN-28450 Vanha-Ulvila (FI). NYBERG,
Jens [FI/FI]; Matruusinkatu 3 D 7, FIN-67100
Kokkola (FI). SIIRILÄ, Heikki [FI/FI]; Parkki 23,
FIN-67300 Kokkola (FI).

(74) OUTOKUMPU OYJ; Intellectual Property
Management, P.O. Box 27, FIN-02201 Espoo
(FI).

(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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW.

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 PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR)

(u) for / pour US only / seulement; (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 C22B 4/00

(11) WO 02/40725 (13) A2

(21) PCT/GB01/05031

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 0027929.9 15 Nov/nov 2000 GB
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METAL AND ALLOY POWDERS AND
POWDER FABRICATION

- POUDRES METALLIQUES ET D'ALLIAGES
ET FABRICATION DE CES
POUDRES

(71) CAMBRIDGE UNIVERSITY TECHNICAL
SERVICES LIMITED [GB/GB]; The
Old Schools, Trinity Lane, Cambridge CB2
1TS (GB).

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

(72, 75) FRAY, Derek, John [GB/GB]; Univer-
sity of Cambridge, Department of Materials
Science and Metallurgy, Pembroke Street,
Cambridge CB2 3QZ (GB). CHEN, George,
Zheng [CN/GB]; University of Cambridge,
Department of Materials Science and Metal-
lurgy, Pembroke Street, Cambridge CB2 3QZ
(GB).

(74) GOODMAN, Simon, John, Nye; Reddie &
Grose, 16 Theobalds Road, London WC1X
8PL (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ C22B 9/18, B22D 23/10

(11) WO 02/40726 (13) A1

(21) PCT/EP01/13012

(22) 9 Nov/nov 2001 (09.11.2001)

(25) de (26) de

(30) A 1905/2000 14 Nov/nov 2000 AT
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR PRO-
DUCING INGOTS OR STRANDS OF
METAL BY MELTING ELECTRODES
IN AN ELECTROCONDUCTIVE SLAG
BATH

- PROCEDE ET DISPOSITIF DE FABRI-
CATION DE LINGOTS OU DE BARRES
METALLIQUES PAR SEPARATION
PAR FUSION D'ELECTRODES DANS
UN BAIN DE SCORIES A FUSION
ELECTRIQUE

(71) INTECO INTERNATIONALE TECH-
NISCHE BERATUNG GES.M.B.H.
[AT/AT]; Wiener Strasse 25, A-8600
Bruck/Mur (AT).

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

(72, 75) HOLZGRUBER, Wolfgang [AT/AT];
Westend 33, A-8600 Bruck/Mur (AT).

HOLZGRUBER, Harald [AT/AT]; Wüsten-
roterstrasse 19, A-8600 Bruck/Mur (AT).
MEDOVAR, Lev [UA/UA]; Postfach 259,
Kyiv, 03150 (UA). LANTSMAN, Izraïl
[UA/UA]; Postfach 259, Kyiv, 03150 (UA).

(74) HIEBSCH, Gerhard, F; Hiebsch Peege
Behrmann, Heinrich - Weber - Platz 1, 78224
Singen (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
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
NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C22C 1/00

(11) WO 02/40727 (13) A2

(21) PCT/US01/44003

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,901 14 Nov/nov 2000 US
(14.11.2000)(30) 60/271,188 23 Feb/fév 2001 US
(23.02.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHODS AND APPARATUS FOR US-
ING LARGE INERTIAL BODY FORCES
TO IDENTIFY, PROCESS AND MANU-
FACTURE MULTICOMPONENT BULK
METALLIC GLASS FORMING AL-
LOYS, AND COMPONENTS FABRI-
CATED THEREFROM

- PROCÉDÉ ET DISPOSITIF PERMET-
TANT D'UTILISER LES FORCES DES
GRANDS CORPS INERTIELS POUR
IDENTIFIER, TRAITER ET FABRI-
QUER DES ALLIAGES FORMANT
LE VERRE MÉTALLIQUE SUBSTRAT
MULTICOMPOSANT, ET COMPO-
SANTS AINSI OBTENUS

(71) CALIFORNIA INSTITUTE OF TECH-
NOLOGY [US/US]; CIT 3404-PCT, 1200
East California Boulevard, MC 201-85,
Pasadena, CA 91125 (US).

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

(72, 75) JOHNSON, William, L. [US/US]; 3546
Mountainview Avenue, Pasadena, CA 91107
(US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens,
Olson & Bear, LLP, 620 Newport Center
Drive, 16th Floor, 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 CZ
(Utility model / modèle d'utilité) DE DE
(Utility model / modèle d'utilité) DK DK
(Utility model / modèle d'utilité) DM DZ EC
EE EE (Utility model / modèle d'utilité) ES
FI FI (Utility model / modèle d'utilité) GB
GD GE GH GM HR HU ID 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 PH

PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C22C 19/03

(11) WO 02/40728 (13) A1

(21) PCT/JP01/10075

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ja (26) ja

(30) 2000-349206 16 Nov/nov 2000 JP (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • NI-BASE HEAT-RESISTANT ALLOY AND WELD JOINT USING THE SAME
• ALLIAGE REFRACTAIRE A BASE DE NICKEL (NI) ET JOINT SOUDE INTEGRANT CELUI-CI

(71) SUMITOMO METAL 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)

(71, 72) OGAWA, Kazuhiro [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). KITAMURA, Kazuyoshi [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). OKADA, Koichi [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). NISHIYAMA, Yoshitaka [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(74) HONOUE, Terutada et al. / etc.; Honoue Patent Office, Sumitomoseimei-Amagasaki Building, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo 660-0892 (JP).

(81) CA KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C22C 21/00, C22F 1/04, B32B 15/01

(11) WO 02/40729 (13) A1

(21) PCT/FR01/03566

(22) 14 Nov/nov 2001 (14.11.2001)

(25) fr (26) fr

(30) 00/14791 16 Nov/nov 2000 FR (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR PRODUCING AN ALUMINIUM ALLOY PLATED STRIP FOR MAKING BRAZED HEAT EXCHANGERS

• PROCEDE DE FABRICATION D'UNE BANDE PLAQUEE EN ALLIAGE

D'ALUMINIUM POUR LA FABRICATION D'ECHANGEURS DE CHALEUR BRASES

(71) PECHINEY RHENALU [FR/FR]; 7, place du Chancelier Adenauer, F-75116 Paris (FR).

(72) KUCZA, Jean-Claude; La Gatelière, 1950, route de Saint-Nicolas, F-38960 Saint-Etienne-de-Crossey (FR). HENRY, Sylvain; 25, boulevard du Guillon, F-38500 Voiron (FR). MADIOUNI, Michel; 8, rue Baudelaire, F-38430 Moirans (FR). EBERSOLT, David; 20, rue des Têtes, F-68000 Colmar (FR). REMOND, Nathalie; 31, rue Berthe Molly, F-68000 Colmar (FR).

(74) MOUGEOT, Jean-Claude; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ C22C 38/00

(11) WO 02/40730 (13) A1

(21) PCT/JP01/09946

(22) 14 Nov/nov 2001 (14.11.2001)

(25) ja (26) ja

(30) 2000-347676 15 Nov/nov 2000 JP (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PART FOR MACHINE
• PIECE POUR MACHINE

(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MURAKAMI, Yuktaka [JP/JP]; 6-20-7, Miwadai, Higashi-ku, Fukuoka-shi, Fukuoka 811-0212 (JP).

(72, 75) MURAKAMI, Yasuo [JP/JP]; c/o NSK Ltd., 5-50, Kugenomashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (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) JP US.

(51)⁷ C22C 38/00

(11) WO 02/40731 (13) A1

(21) PCT/KR01/01956

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ko (26) en

(30) 2000/68327 17 Nov/nov 2000 KR (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • STEEL PLATE TO BE PRECIPITATING TiN+CuS FOR WELDED STRUCTURES, METHOD FOR MANUFACTURING THE SAME, WELDING FABRIC USING THE SAME

• PLAQUE D'ACIER CONTENANT DES PRECIPITES DE TIN + CUS DESTINEE A DES STRUCTURES SOUDEES, PROCEDE DE FABRICATION ASSOCIE, ET PRODUIT DE SOUDAGE CORRESPONDANT

(71) POHANG IRON & STEEL CO., LTD. [KR/KR]; 1 Koedong-dong, Nam-ku, 790-300 Pohang-si, Kyungsook-do (KR).

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

(72, 75) JEONG, Hong-Chul [KR/KR]; c/o Pohang Iron & Steel Co., Ltd., 1 Koedong-dong, Nam-ku, 790-300 Pohang-si, Kyungsook-do (KR). CHOI, Hae-Chang [KR/KR]; c/o Pohang Iron & Steel Co., Ltd., 1 Koedong-dong, Nam-ku, 790-300 Pohang-si, Kyungsook-do (KR).

(74) SON, Won; C & S Patent and Law Office, C-2306 Daelim Acrotel, 467-6 Dogok-dong, Gangnam-ku, 135-270 Seoul (KR).

(81) CN JP US.

(84) EP (DE FR GB).

(51)⁷ C23C 4/10

(11) WO 02/40732 (13) A1

(21) PCT/US01/27070

(22) 31 Aug/août 2001 (31.08.2001)

(25) en (26) en

(30) 60/248,880 15 Nov/nov 2000 US (15.11.2000)

(30) 60/259,553 3 Jan/jan 2001 US (03.01.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • A PROTECTIVE LAYER FOR QUARTZ CRUCIBLES USED FOR SILICON CRYSTALLIZATION

• COUCHE DE PROTECTION DESTINEE A DES CREUSETS EN QUARTZ UTILISES DANS LA CRISTALLISATION DE SILICIUM

(71) G.T. EQUIPMENT TECHNOLOGIES INC. [US/US]; 472 Amherst Street, Nashua, NH 03053 (US).

(72) HARIHARAN, Alleppey; 5 Overlook Drive, Nashua, NH 03062 (US). CHANDRA, Mohan; 17 Hampstead Road, Merrimack, NH 03054 (US). COSTANTINI, Michael; 9 Madison Drive, Hudson, NH 03051 (US). WAN, Yuepeng; 10 Regal Drive, Nashua, NH 03063 (US).

(74) MAINE, Vernon et al. / etc.; Maine & Asmus, PO Box 3445, Nashua, NH 03061-3445 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ C23C 14/00, 14/34, 4/00

(11) WO 02/40733 (13) A1

(21) PCT/JP01/04297

(22) 23 May/mai 2001 (23.05.2001)

(25) ja (26) ja

(30) 2000-350475 17 Nov/nov 2000 JP
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SPUTTERING TARGET PRODUCING FEW PARTICLES, BACKING PLATE OR SPUTTERING APPARATUS AND SPUTTERING METHOD PRODUCING FEW PARTICLES

• CIBLE DE PULVERISATION PRODUISANT PEU DE PARTICULES, PLAQUE SUPPORT OU APPAREIL DE PULVERISATION, ET PROCEDE DE PULVERISATION PRODUISANT PEU DE PARTICULES

(71) NIKKO MATERIALS COMPANY, LIMITED [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-8407 (JP).

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

(72, 75) OKABE, Takeo [JP/JP]; Isohara Factory of Nikko Materials Company, Limited, 4, 187-banchi, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP). YAMAKOSHI, Yasuhiro [JP/JP]; Isohara Factory of Nikko Materials Company, Limited, 4, 187-banchi, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP). MIYASHITA, Hirohito [JP/JP]; Isohara Factory of Nikko Materials Company, Limited, 4, 187-banchi, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).

(74) OGOSHI, Isamu; TecLaw Patent & Law Office, Nishi-Shimbashi Sato Building 7F, 4-1, Nishi-Shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C23C 14/06, 16/32, 16/34, 30/00, B23B 27/14

(11) WO 02/40734 (13) A1

(21) PCT/SE01/02078

(22) 27 Sep/sep 2001 (27.09.2001)

(25) en (26) en

(30) 0004203-6 16 Nov/nov 2000 SE
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • A SURFACE COATING OF A CARBIDE OR A NITRIDE

• REVETEMENT DE SURFACE D'UN CARBURE OU D'UN NITRURE

(71, 72) HUGOSSON, Håkan [SE/SE]; Ringatan 16B, S-752 17 Uppsala (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 17192, S-104 62 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 14/34, B22F 7/06

(11) WO 02/40735 (13) A1

(21) PCT/AT01/00349

(22) 7 Nov/nov 2001 (07.11.2001)

(25) de (26) de

(30) GM 851/2000 20 Nov/nov 2000 AT
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR PRODUCING AN EVAPORATION SOURCE

• PROCEDE DE FABRICATION D'UNE SOURCE D'EVAPORATION

(71) PLANSEE AKTIENGESELLSCHAFT [AT/AT]; A-6600 Reutte/Tirol (AT).

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

(72, 75) WILHARTITZ, Peter [AT/AT]; Claudiastrasse 4, Top R, A-6600 Reutte/Tirol (AT). SCHÖNAUER, Stefan [AT/AT]; Hüttenbichl 2, A-6600 Flach (AT). POLCIK, Peter [AT/AT]; Reinmichl-Strasse 5, A-6600 Reutte/Tirol (AT).

(74) LOHNERT, Wolfgang; Plansee Aktiengesellschaft, A-6600 Reutte/Tirol (AT).

(81) AU BG CA CN CZ HR HU IL IN JP KR MX PL SG SI US YU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ C23C 14/35

(11) WO 02/40736 (13) A1

(21) PCT/US01/47089

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 09/716,078 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CONICAL SPUTTERING TARGET

• CIBLE DE PULVERISATION CONIQUE

(71, 72) GLOCKER, David, A. [US/US]; 791 Rush Henrietta Town Line Road, Rush, NY 14543 (US).

(74) SLIFKIN, Neal, L.; Harris Beach LLP, 99 Garnsey Road, Pittsford, NY 14534 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)⁷ C23C 14/54, 16/52

(11) WO 02/40737 (13) A1

(21) PCT/FR01/03461

(22) 8 Nov/nov 2001 (08.11.2001)

(25) fr (26) fr

(30) 00/14775 16 Nov/nov 2000 FR
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR DEPOSITING THIN FILMS

• PROCEDE ET DISPOSITIF DE DEPOT DE COUCHES MINCES

(71) HIGHWAVE OPTICAL TECHNOLOGIES MARSEILLE [FR/FR]; Avenue de la Roche Fourcade, Zone industrielle Saint-Mitre, F-13400 Aubagne (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREZES-BESSET, Catherine [FR/FR]; 146, chemin de Palama, F-13013 Marseille (FR).

(74) HERARD, Paul; Cabinet Beau de Loménie, 232, avenue du Prado, F-13295 Marseille Cedex 8 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 C23C 16/44, G05D 7/06

(11) WO 02/40738 (13) A2

(21) PCT/FR01/03421

(22) 6 Nov/nov 2001 (06.11.2001)

(25) fr (26) fr

(30) 00/14793 16 Nov/nov 2000 FR
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • INSTALLATION WHEREIN IS PERFORMED AN OPERATION REQUIRING CONTROL OF ATMOSPHERE INSIDE A CHAMBER

- INSTALLATION DANS LAQUELLE EST REALISEE UNE OPERATION NECESSITANT UN CONTRÔLE DE L'ATMOSPHERE A L'INTERIEUR D'UNE ENCEINTE
- (71) **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR). **SOFTAL ELECTRONIC ERIK BLUMENFELD GMBH & CO.** [DE/DE]; König-Georg-Stieg 1, D-21107 Hamburg (DE).
- (72) **COCOLIOS, Panayotis**; 92, rue de l'Acquisition, F-78830 Bullion (FR). **COEURET, François**; 63, boulevard Beethoven, Résidence les Symphonies, F-78280 Guyancourt (FR). **DÖRING, Wolfgang**; C/o SOFTAL electronic Erik Blumenfeld GmbH, König-Georg-Stieg 1, D-21107 Hamburg (DE). **FÖRSTER, Franck**; C/o SOFTAL electronic Erik Blumenfeld GmbH, König-Georg-Stieg 1, D-21107 Hamburg (DE). **GELLOT, Jean-Louis**; 11, résidence de la Chapelle, F-78990 Elancourt (FR). **MARTENS, Bernd**; c/o SOFTAL electronic Erik Blumenfeld GmbH, König-Georg-Stieg 1, 21107 Hamburg (DE). **MELLEN, Stéphane**; La Plage No 2, F-27430 Herqueville (FR). **PRINZ, Eckard**; C/o SOFTAL electronic Erik Blumenfeld GmbH, König-Georg-Stieg 1, D-21107 Hamburg (DE). **THONNELIER, Jean-Yves**; 24, rue Philippe de Champaigne, F-78960 Voisins le Bretonneux (FR). **VILLERMET, Alain**; 5, rue Welschinger, F-78220 Viroflay (FR).
- (74) **MELLUL-BENDELAC, Sylvie et al. / etc.**; L'Air Liquide, SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C23C 16/448, 18/08**
- (11) **WO 02/40739** (13) A1
- (21) PCT/EP01/14302
- (22) **27 Oct/oct 2001 (27.10.2001)**
- (25) de (26) de
- (30) 100 57 491.2 **20 Nov/nov 2000 (20.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE AND METHOD FOR SUPPLYING A CVD REACTOR WITH A LIQUID STARTING MATERIAL ENTERING INTO A GASEOUS PHASE
- PROCEDE ET DISPOSITIF POUR ALIMENTER UN REACTEUR DE DEPOT CHIMIQUE EN PHASE VAPEUR EN MATERIAU DE BASE, PASSE DE LA PHASE LIQUIDE A LA PHASE GAZEUSE
- (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) **STRAUCH, Gerd** [DE/DE]; Schönauer Friede 80, 52072 Aachen (DE). **LINDNER, Johannes** [DE/DE]; Bankerfeldstrasse 1, 52072 Aachen (DE). **SCHUMACHER, Marcus** [DE/DE]; Kunibertusstrasse 42a, 50771 Kerpen (DE).
- (74) **GRUNDMANN, Dirk**; Corneliusstrasse 45, 42329 Wuppertal (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C23C 16/48, 16/455, H01L 21/00**
- (11) **WO 02/40740** (13) A1
- (21) PCT/FR01/03533
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) fr (26) fr
- (30) 00/14726 **15 Nov/nov 2000 (15.11.2000)** FR
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE FOR MULTIPLE-ZONE INJECTION OF GAS IN A REACTOR
- DISPOSITIF D'INJECTION MULTIZONES DE GAZ DANS UN REACTEUR
- (71) **JOINT INDUSTRIAL PROCESSORS FOR ELECTRONICS** [FR/FR]; 20, rue de la Croix Fleurie, BP 11, F-72430 Noyen sur Sarthe (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEMMACHE, Bachir** [FR/FR]; 30, rue Lieutenant Fiancey, F-38120 Saint-Egrève (FR). **NOEL, Sébastien** [FR/FR]; La Coche, F-38570 Theys (FR). **LAPORTE, Franck** [FR/FR]; Lotissement du Château, Cidex 22 A, F-38190 Bernin (FR). **DUCRET, René-Pierre** [FR/FR]; 6, rue des Portes du Vercors, F-38360 Sassenage (FR). **GUIL-LON, Hervé** [FR/FR]; 9, allée des Contamines, F-38240 Meylan (FR).
- (74) **HECKE, G.**; Cabinet Hecke, WTC Europole, 5, Place Robert Schuman, BP 1537, F-38025 Grenoble Cedex 1 (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **C23C 16/54, H01L 21/205, 21/31, 21/302**
- (11) **WO 02/40742** (13) A1
- (21) PCT/JP01/09941
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ja (26) ja
- (30) 2000-346859 **14 Nov/nov 2000 (14.11.2000)** JP
- (30) 2000-346861 **14 Nov/nov 2000 (14.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR ATMOSPHERIC PLASMA PROCESSING
- PROCEDE ET DISPOSITIF DE TRAITEMENT AU PLASMA ATMOSPHERIQUE
- FR GB GR IE IT LU MC NL PT SE 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 **C23C 16/48, 16/455, H01L 21/00**
- (11) **WO 02/40741** (13) A1
- (21) PCT/FR01/03536
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) fr (26) fr
- (30) 00/14725 **15 Nov/nov 2000 (15.11.2000)** FR
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • GAS INJECTION DEVICE AND TREATMENT FURNACE EQUIPPED WITH SAME
- DISPOSITIF D'INJECTION DE GAZ ET FOUR DE TRAITEMENT EQUIPE D'UN TEL DISPOSITIF
- (71) **JOINT INDUSTRIAL PROCESSORS FOR ELECTRONICS** [FR/FR]; 20, rue de la Croix Fleurie, BP 11, F-72430 Noyen sur Sarthe (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEMMACHE, Bachir** [FR/FR]; 30, rue Lieutenant Fiancey, F-38120 Saint-Egrève (FR). **PIERRET, Benoît** [FR/FR]; 17 avenue de Verdun, F-38240 Meylan (FR). **LAPORTE, Franck** [FR/FR]; Lotissement du Château, cidex 22 A, F-38190 Bernin (FR). **DUCRET, René, Pierre** [FR/FR]; 6, rue des Portes du Vercors, F-38360 Sassenage (FR). **GUIL-LON, Hervé** [FR/FR]; 9, allée des Contamines, F-38240 MEYLAN (FR).
- (74) **HECKE, G.**; Cabinet Hecke, WTC Europole, 5, Place Robert Schuman, BP 1537, F-38025 Grenoble cedex 1 (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (71) **SEKISUI CHEMICAL CO., LTD.** [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YARA, Takuya** [JP/JP]; C/O Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamoto-cho, Mishima-gun, Osaka 618-8589 (JP). **YUASA, Motokazu** [JP/JP]; C/O Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamoto-cho, Mishima-gun, Osaka 618-8589 (JP). **HOMMA, Koji** [JP/JP]; C/O Chemitronics Co., Ltd., 2-703, Tateno, Higashiyamato-shi, Tokyo 207-0021 (JP). **KOZUMA, Makoto** [JP/JP]; C/O Sekisui Chemical Co., Ltd., 593-8, Kitano-cho, Hachioji-shi, Tokyo 192-0906 (JP).
- (74) **KAWABI, Kenji**; Higashi-ikebukuro Orimoto Bldg., 6th floor, 9-7, Higashi-ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).
- (81) CA CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C23C 24/04**
- (11) **WO 02/40743** (13) A1
- (21) PCT/JP01/10053
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-350123 **16 Nov/nov 2000** JP
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METALLIC SLIDING MEMBER, PISTON FOR INTERNAL COMBUSTION ENGINE, METHOD OF SURFACE-TREATING THESE, AND APPARATUS THEREFOR
- ELEMENT COULISSANT METALLIQUE, PISTON DE MOTEUR A COMBUSTION INTERNE, PROCEDE DE TRAITEMENT DE SURFACE DE CEUX-CI, ET DISPOSITIF DE TRAITEMENT
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **KABUSHIKIKAISHA FUJI SEISAKUSHO** [JP/JP]; 2-24, Matsue 5-chome, Edogawa-ku, Tokyo 132-0025 (JP). **KABUSHIKIKAISHA FUJI KIHAN** [JP/JP]; 471, Marushinmachi, Kita-ku, Nagoya-shi, Aichi 462-0063 (JP).
(only for / seulement pour JP)
- (72, 75) **OGIHARA, Hidemi** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). **ISHIWATA, Masato** [JP/JP]; c/o Kabushiki Kaisha Fuji Seisakusho, 2-24, Matsue 5-chome, Edogawa-ku, Tokyo 132-0025 (JP).
- (74) **SUENARI, Mikio**; Hitachi 6th Building 4th floor, 6-14, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) CA JP MX US.
- (84) EP (BE DE ES FR GB).
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- (51)⁷ **C23C 24/08, 28/04, 4/12, B05D 1/12, H05B 6/00**
- (11) **WO 02/40744** (13) A1
- (21) PCT/US01/15812
- (22) **16 May/mai 2001 (16.05.2001)**
- (25) en (26) en
- (30) PCT/US00/31675 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LASER FABRICATION OF CERAMIC PARTS
- FABRICATION AU LASER D'ELEMENTS CERAMIQUES
- (71) **TRITON SYSTEMS, INC.** [US/US]; 200 Turnpike Road, Chelmsford, MA 01824 (US).
- (72) **KUNZE, Joseph**; 9 Crest Road, Twekbury, MA 01876 (US). **HU, Chaolin**; 421 Great Road, #14, Acton, MA 01720 (US). **KUCHINSKI, Frank**; 13 Old Farm Way, Chelmsford, MA 01824 (US).
- (74) **BUCKLEY, Linda, M.** et al. / etc.; Edwards & Angell, LLP, Dike, Bronstein, Roberts & Cushman, Intellectual Property Group, P.O. Box 9169, Boston, MA 02209 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C23C 28/00, 24/04, 4/10, 4/08, 4/12, B32B 18/00, 15/20, 15/04, B64G 1/54**
- (11) **WO 02/40745** (13) A1
- (21) PCT/DE01/04228
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) de (26) de
- (30) 100 56 617.0 **15 Nov/nov 2000** DE
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MATERIAL FOR THERMALLY LOADED SUBSTRATES
- MATERIAU POUR SUBSTRATS SOUMIS A DES CONTRAINTES THERMIQUES
- (71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIETRICH, Markus** [DE/DE]; Martinusstrasse 3, 52428 Jülich (DE). **VASSEN, Robert** [DE/DE]; Englerthstrasse 10, 52134 Herzogenrath (DE). **STÖVER, Detlev** [DE/DE]; Taubenforst 9, 52382 Niederzier (DE).
- (74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Personal und Recht-Patente (PR-PT), 52425 Jülich (DE).
- (81) JP US.
-
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **C23F**
- (11) **WO 02/40746** (13) A2
- (21) PCT/US01/51103
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) en (26) en
- (30) 60/243,881 **26 Oct/oct 2000** US
(26.10.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PREVENTING CORROSION WITH BENEFICIAL BIOFILMS
- PREVENTION DE LA CORROSION AU MOYEN DE FILMS BIOLOGIQUES BENEFIQUES
- (71) **ELECTRIC POWER RESEARCH INSTITUTE, INC.** [US/US]; 3412 Hillview Avenue, Palo Alto, CA 94303 (US).
- (72) **WOOD, Thomas, K.**; 15 Doe Run, Tolland, CT 06084 (US). **ORNEK, Dogan**; 52 Perry Hill Road, Apt. 6-G, Ashford, CT 06278 (US). **MANSFELD, Florian, B.**; 14013 Old Harbor Lane, #316, Marina Del Rey, CA 90291 (US).
- (74) **WILLIAMS, Gary, S.** et al. / etc.; Pennie & Edmonds LLP, 1155 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C23F 13/00**
- (11) **WO 02/40747** (13) A2
- (21) PCT/CA01/01629
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 09/715,518 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CATHODIC PROTECTION SYSTEM UTILIZING A MEMBRANE
- SYSTEME DE PROTECTION CATHODIQUE UTILISANT UNE MEMBRANE
- (71, 72) **RUSSELL, Gordon, I.** [CA/CA]; 442 Indian road, Burlington, Ontario L7T 3T3 (CA).
- (74) **FORS, Arne, I.** et al. / etc.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (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 NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C25C 5/04, 7/00

(11) WO 02/40748 (13) A1

(21) PCT/GB01/05034

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 0027930.7 15 Nov/nov 2000 GB
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • INTERMETALLIC COMPOUNDS
• COMPOSES INTERMETALLIQUES

(71) CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED [GB/GB]; The Old Schools, Trinity Lane, Cambridge CB2 1TS (GB).

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

(72, 75) FRAY, Derek, John [GB/GB]; University of Cambridge, Department of Materials Science and Metallurgy, Pembroke Street, Cambridge CB2 3QZ (GB). COPCUTT, Robert, Charles [GB/GB]; University of Cambridge, Department of Materials Science and Metallurgy, Pembroke Street, Cambridge CB2 3QZ (GB).

(74) GOODMAN, Simon, John, Nye; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C25C 7/02, B23K 1/19

(11) WO 02/40749 (13) A1

(21) PCT/FI01/00984

(22) 13 Nov/nov 2001 (13.11.2001)

(25) fi (26) en

(30) 2002523 17 Nov/nov 2000 FI
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR JOINING A JACKET PART TO A CORE PART
• PROCEDE D'ASSEMBLAGE D'UNE PARTIE DE REVETEMENT A UNE PARTIE CENTRALE

(71) OUTOKUMPU OYJ [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).

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

(72, 75) POLVI, Veikko [FI/FI]; Huvisuulin- tie 4 B, FIN-28200 Pori (FI). HALMI- NEN, Veijo [FI/FI]; Kaasmarkuntie 114, FIN-28460 Vanha-Ulvila (FI). KIVISTÖ, Tuomo [FI/FI]; Hirsalantie 259, FIN-02420 Jorvas (FI).

(74) OUTOKUMPU OYJ; Intellectual Property Management, P.O. Box 27, FIN-02201 Espoo (FI).

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(u) for / pour US only / seulement

(51)⁷ C25D 17/00, C25B 9/00, C02F 1/461

(11) WO 02/40750 (13) A1

(21) PCT/US01/45112

(22) 24 Oct/oct 2001 (24.10.2001)

(25) en (26) en

(30) 60/248,070 14 Nov/nov 2000 US
(14.11.2000)

(30) 09/810,715 19 Mar/mar 2001 US
(19.03.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MINERAL IONIZING DEVICE

• DISPOSITIF D'IONISATION DE MINÉRAL

(71, 72) ROBNEY, Marvin [US/US]; 13133 Joshua Avenue, Chino, CA 91710 (US).

(72) KUTTNER, Ralph; 1641 Valley Lane, Fullerton, CA 92833 (US).

(74) STETINA, Kit, M.; Stetina Brunda Garred & Brucker, 75 Enterprise, Suite 250, Aliso Viejo, CA 92656 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C30B 25/18, 29/06

(11) WO 02/40751 (13) A1

(21) PCT/JP01/10111

(22) 20 Nov/nov 2001 (20.11.2001)

(25) ja (26) ja

(30) 2000-353112 20 Nov/nov 2000 JP
(20.11.2000)

(30) 2001-230240 30 Jul/juil 2001 JP
(30.07.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR MANUFACTURING OBJECTIVE FILM, OBJECTIVE FILM OBTAINED BY THE METHOD, AND LAMINATED STRUCTURE
• PROCEDE DE FABRICATION D'UN FILM, FILM OBTENU ET STRUCTURE LAMINEE

(71, 72) KOMIYAMA, Hiroshi [JP/JP]; 5-4-4, Daita, Setagaya-ku, Tokyo 155-0033 (JP). NODA, Suguru [JP/JP]; 4-17-3-501, Oji, Kita-ku, Tokyo 114-0002 (JP).

(72, 75) TSUJI, Yoshiko [JP/JP]; 2-8-14-102, Kokandori, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0852 (JP).

(74) NARUSE, Shigeo; NARUSE, INABA & INAMI, Hanabishi Imas Hirakawacho Building, 4th Floor, 3-11, Hirakawacho 2-chome, Chiyoda-ku, Tokyo 102-0093 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C30B 29/40, 7/00

(11) WO 02/40752 (13) A2

(21) PCT/US01/43452

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) 60/252,260 20 Nov/nov 2000 US
(20.11.2000)

(30) 60/305,249 12 Jul/juil 2001 US
(12.07.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • III-V COMPOUND FILMS USING CHEMICAL DEPOSITION
• PRODUCTION DE FILMS COMPOSITES III-V PAR DEPOSITION CHIMIQUE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 12th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) LANGE, Frederick, F.; 1175 Orchard Drive, Santa Barbara, CA 93111 (US). KISAILUS,

- David**; 285 Mathilda Drive #12, Golita, CA 93117 (US).
- (74) **BERLINER, Robert**; Fulbright & Jaworski L.L.P., 29th Floor, 865 South Figueroa Street, Los Angeles, CA 90017-2576 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C30B 33/00, 29/34**
- (11) **WO 02/40753** (13) A1
- (21) PCT/FR01/03474
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) fr (26) fr
- (30) 00/14641 **14 Nov/nov 2000 (14.11.2000)** FR
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR ENHANCING THE COLOUR OF MINERALS WITH ELECTRON BEAM
• PROCEDE ET INSTALLATION DE COLORATION DE MINERAUX PAR FAISCEAU D'ELECTRONS
- (71) **COMPAGNIE FRANCAISE DE RENOVATION** [FR/FR]; 13, rue Saint-Honoré, F-78000 Versailles (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE ROCQUIGNY, Hugues** [FR/FR]; 51, rue Berthier, F-78000 Versailles (FR).
- (74) **JACOBSON, Claude**; Cabinet Lavoix, 2 Place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).
- (81) BR CA CN IN JP RU US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **D01F 9/145, D01D 1/10**
- (11) **WO 02/40754** (13) A1
- (21) PCT/US01/43723
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) en (26) en
- (30) 60/249,029 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PRE-SPINNING TREATMENT PROCESS FOR SOLVATED MESOPHASE PITCH
• PROCEDE DE TRAITEMENT DE PRE-FILAGE DESTINE A UN BRAI EN MESOPHASE SOLVATE
- (63) US 60/249,029 (CON) 15 Nov/nov 2000 (15.11.2000)
- (71) **CONOCO INC.** [US/US]; 1000 South Pine Street, Ponca City, OK 74602-1267 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ROSSILLON, Daniel, F.** [US/US]; 2504 Coppercreek, Ponca City, OK 74604 (US). **RODGERS, John, A.** [US/US]; 424 Riverview Drive, Dayton, TN 37321 (US). **ROSS, Roger, A.** [US/US]; 295 County Road 141, Flat Rock, AL 35966 (US).
- (74) **LOO, Blossom, E.**; c/o Joanna, K., Payne, Conoco Inc., 1000 South Pine Street, Ponca City, OK 74602-1267 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **D02G 3/38, D03D 15/12**
- (11) **WO 02/40755** (13) A2
- (21) PCT/EP01/10775
- (22) **18 Sep/sep 2001 (18.09.2001)**
- (25) en (26) en
- (30) 09/710,893 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FIRE RESISTANT CORESPUN YARN AND FABRIC COMPRISING SAME
• FIL A AME IGNIFUGE ET TISSU LE COMPRENANT
- (71) **BASF CORPORATION** [US/US]; 3000 Continental Drive-North, Mount Olive, NJ 07828-1234 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAND, Frank J.** [US/US]; 4029 Long Beach Road, Island Park, NY 11558 (US). **HANDERMANN, Alan C.** [US/US]; 11 Laurel Summit Drive, 28803 Asheville, NC (US).
- (74) **CIMNIAK, Thomas et al.** / etc.; BASF Aktiengesellschaft, 67056 Ludwigshafen (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D03D**
- (11) **WO 02/40756** (13) A2
- (21) PCT/US01/43968
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/713,147 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FULL-FASHIONED GARMENT WITH SLEEVES HAVING INTELLIGENCE CAPABILITY
• VETEMENT ENTIEREMENT DIMINUE A MANCHES A FONCTIONNALITE INTELLIGENTE
- (63) US 09/713,147 (CON) 14 Nov/nov 2000 (14.11.2000)
- (71) **GEORGIA TECH RESEARCH CORPORATION** [US/US]; 505 Tenth Street, N.W., Atlanta, GA 30332 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JAYARAMAN, Sundaresan** [US/US]; 2125 Castleway Drive, N.E., Atlanta, GA 30345 (US). **PARK, Sungmee** [KR/US]; 3825 Lavista Road, Apt. No.Z-3, Tucker, GA 30084 (US).
- (74) **DEVEAU, Todd**; Troutman Sanders LLP, 600 Peachtree Street, N.E., Atlanta, GA 30308 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D03D 15/00, D04H 1/00, 5/00, 13/00**
- (11) **WO 02/40757** (13) A1
- (21) PCT/US01/43983
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,279 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • HIGH-STRENGTH DELAMINATION RESISTANT COMPOSITE MATERIAL AND AIR JET TEXTURED HIGH MODULUS YARN FOR FORMING SAME
• MATERIAU COMPOSITE ROBUSTE RESISTANT AU DECOLLEMENT ET FIL TEXTURE AU JET D'AIR PRESENTANT UN MODULE D'ELASTICITE ELEVE ET SERVANT A FABRIQUER CE MATERIAU COMPOSITE
- (71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 2401 Research Drive, Suite 1122, Campus Box 8210, Raleigh, NC 27695 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OXENHAM, William** [GB/US]; 107 Glen Mavis Court, Cary, NC 27511 (US). **QUI, Yiping** [CN/US]; 2704-G Brigdon Drive, Raleigh, NC 27606 (US). **DANI,**

- Nikhil, P.** [IN/US]; 3905-C Marcom Street, Raleigh, NC 27606 (US). **ACAR, M.** [GB/GB]; Loughborough University, Dept. of Mechanical Engineering, Leics LE11 3TU (GB). **CHATHANYA, Renduchintala** [IN/US]; Raleigh, NC (US).
- (74) **JENKINS, Richard, E.**; Jenkins & Wilson, P.A., University Tower, Suite 1400, 3100 Tower Boulevard, Durham, NC 27707 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D04H 1/54, 1/46, 1/48**
 (11) **WO 02/40758** (13) A1
 (21) PCT/JP01/09370
 (22) **25 Oct/oct 2001 (25.10.2001)**
 (25) ja (26) ja
 (30) 2000-346310 **14 Nov/nov 2000 JP (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FLUORINE-CONTAINING COMPOSITE SHEET HAVING AIR PERMEABILITY
 • FEUILLE COMPOSITE CONTENANT DU FLUOR, PERMEABLE A L'AIR
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazakinishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAMOTO, Katsutoshi** [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **ASANO, Jun** [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **CHAEN, Shinichi** [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **KONISHI, Tomohisa** [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).
- (74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **D04H 1/54, D06J 1/12, B32B 5/08, 25/10**
 (11) **WO 02/40759** (13) A1
 (21) PCT/JP01/09969
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) ja (26) ja
 (30) 2000-351689 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • STRETCHING COMPOSITE SHEET AND PRODUCTION METHOD THEREFOR
 • FEUILLE EXTENSIBLE COMPOSITE ET PRODUCTION D'UNE TELLE FEUILLE
- (71) **NIPPON PETROCHEMICALS, CO., LTD.** [JP/JP]; 3-1, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8530 (JP). **POLYMER PROCESSING RESEARCH INSTITUTE LTD.** [JP/JP]; 9-2, Kaga 1-chome, Itabashi-ku, Tokyo 173-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURIHARA, Kazuhiko** [JP/JP]; 3-11-5-1002, Takashimadaira, Itabashi-ku, Tokyo 175-0082 (JP). **YAZAWA, Hiroshi** [JP/JP]; 2-25-15, Higashi, Kunitachi-shi, Tokyo 186-0002 (JP). **ISHIDA, Takashi** [JP/JP]; 584-1, Tohwada, Narita-shi, Chiba 286-0134 (JP).
- (74) **KANEDA, Nobuyuki** et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **D06F**
 (11) **WO 02/40760** (13) A2
 (21) PCT/US01/51380
 (22) **26 Oct/oct 2001 (26.10.2001)**
 (25) en (26) en
 (30) PCT/US00/29769 **27 Oct/oct 2000 US (27.10.2000)**
 (30) 00870276.3 **20 Nov/nov 2000 EP (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESS FOR THE IRONING OF FABRICS, AND REFILL CARTRIDGE FOR IRONS
 • PROCEDE DE REPASSAGE DE TISSUS ET CARTOUCHE DE RECHARGE POUR FERS A REPASSER
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **ALTMANN, Markus, Wilhelm**; rue due Page 19, B-1050 Brussels (BE). **CASADO DOMINGUEZ, Arturo, Luis**; 2 rue L'Ermitage, B-1050 Brussels (BE). **HUBESCH, Bruno, Albert, Jean**; Langestraat 55, B-3040 Neerijssed-Huldenberg (BE). **SOYEZ, Heide, Simonne, Mariette**; Leeuwerikenstraat 221, B-8400 Oostende (BE).
- (74) **REED, David, T.** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D06F 23/02**
 (11) **WO 02/40761** (13) A1
 (21) PCT/KR01/01948
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) en (26) en
 (30) 2000/67719 **15 Nov/nov 2000 KR (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DRUM TYPE WASHING MACHINE
 • LAVE-LINGE DU TYPE A TAMBOURS
- (71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, 150-010 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOON, Seong-No** [KR/KR]; 108-9, Myeongseo2-dong, Changwon-shi, 641-560 Kyongsangnam-do (KR).
- (74) **BAHNG, Hae-Cheol** et al. / etc.; KIMS INTERNATIONAL PATENT & LAW OFFICE, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-Ku, 135-080 Seoul (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **D06F 23/02**
 (11) **WO 02/40762** (13) A1
 (21) PCT/KR01/01949
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) en (26) en
 (30) 2000/68454 **17 Nov/nov 2000 KR (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DRUM TYPE WASHING MACHINE WITH ROTATABLE BAFFLE
 • MACHINE A LAVER A TAMBOUR AVEC CHICANE TOURNANTE
- (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) **CHOI, Seung-Bong** [KR/KR]; 61-1 Sinwol-dong, Changwon-shi, Kyeongsangnam-do 641-060 (KR).

- (74) **BAHNG, Hae-Cheol** et al. / etc.; Kims International Patent & Law Office, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-Ku, 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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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), (q1)
- (51)⁷ **D06F 57/00, A47G 29/00**
- (11) **WO 02/40763** (13) A1
- (21) PCT/JP01/09961
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ja (26) ja
- (30) 2000-347155 **14 Nov/nov 2000 (14.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SUPPORTEDLY SUSPENDING DEVICE
• DISPOSITIF DE SUSPENSION A SUPPORT
- (71, 72) **MISHIMA, Seiki** [JP/JP]; Twin Building 401, 22-8, Naka-Itabashi, Itabashi-ku, Tokyo 173-0004 (JP).
- (74) **OGURA, Masaaki**; YMG Shinbashi Building 5F, 13-4, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
- (81) CN JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **D06F 58/10**
- (11) **WO 02/40764** (13) A1
- (21) PCT/ES00/00441
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) es (26) es
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MACHINE FOR DRYING AND IRONING CLOTHES
• MACHINE À SÉCHER ET À REPASSER LE LINGE
- (71) **DISTRIBUCIONES TROPOL-DREI, S.L.** [ES/ES]; San Juan de Avila, 7, E-28033 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARTINEZ MORENO, Julio, Fernando** [ES/ES]; Fundadores, 25 3° A esc. Izq., E-28028 Madrid (ES).
- (74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **D06P**
- (11) **WO 02/40765** (13) A2
- (21) PCT/US01/43539
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/714,765 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR MANUFACTURING SEWN GOODS
• PROCEDE ET APPAREIL DE FABRICATION DE PRODUITS COUSUS
- (71) **BAKAYSZA, Andrew, M.** [US/US]; 2604 Fisk Lane, Redondo Beach, CA 90278 (US).
- (71, 72) **COUCH, Erick, C.** [US/US]; 1023 Emerald Avenue, Redondo Beach, CA 90277 (US).
- (74) **ORUM & ROTH**; 53 West Jackson Boulevard, Chicago, IL 60604-3606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D21B 1/32**
- (11) **WO 02/40766** (13) A2
- (21) PCT/IB01/02770
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) en (26) en
- (30) 60/247,321 **10 Nov/nov 2000 (10.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF RECYCLING BONDED FIBROUS MATERIALS AND SYNTHETIC FIBERS AND FIBER-LIKE MATERIALS PRODUCED THEREOF
• PROCEDE DE RECYCLAGE DE MATIERES FIBREUSES NON TISSEES, ET FIBRES SYNTHETIQUES ET MATIERES FIBREUSES ISSUES DUDIT RECYCLAGE
- (71) **COLOMBIANA KIMBERLY COLPAPEL S.A.** [CO/CO]; Carrera 43A 1A Sur - 143, Torre Sur, oficina 413, Medellin (CO).
- (72) **PALACIO, Gustavo**; Carrera 38 No.11 - 19, Edificio Casaclara, Apto 701, Medellin (CO). **GARCIA, Maria, Clara**; Calle 38
- 64A - 39, Barrio Conquistadores, Medellin (CO). **RAMIREZ, Pablo**; Calle 9A Sur 25 - 33, Bosques de Madeira, Apto 208, Medellin (CO). **VANEGAS, Bernardo**; Calle 20 19A - 27, Barbosa, Antioquia (CO).
- (74) **CASTRO DUQUE, Ramiro**; Carrera 7 No.16 - 56 piso 9, 3692 Bogotá D.C. (CO).
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **D21C 9/08**
- (11) **WO 02/40767** (13) A1
- (21) PCT/FI01/00990
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 20002519 **16 Nov/nov 2000 (16.11.2000)** FI
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR RECOVERING NON-FIBROUS SUBSTANCES FROM WOOD MATERIAL
• PROCEDE DE RECUPERATION DE SUBSTANCES NON FIBREUSES A PARTIR DE MATERIAUX DE BOIS
- (71) **RAISIO CHEMICALS LTD** [FI/FI]; Raisiokaarri 60, FIN-21200 Raisio (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUNDBERG, Kenneth** [FI/FI]; Övrevägen 9, bostad 7, FIN-20810 Åbo (FI). **HOLMBOM, Bjarne** [FI/FI]; Skarpskyttegatan 14, FIN-20540 Åbo (FI). **ECKERMAN, Christer** [FI/FI]; Österåsgatan 12, FIN-20540 Åbo (FI). **ADAMS, Maria** [FI/FI]; Staketgatan 7, FIN-66900 Nykarleby (FI).
- (74) **TURUN PATENTTITOIMISTO OY**; P.O. Box 99, FIN-20521 Turku (FI).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)

- (51)⁷ **D21C 11/00, 11/12**
(11) **WO 02/40768** (13) A1
(21) PCT/SE01/02543
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 0004185-5 **15 Nov/nov 2000 SE (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • A PROCESS FOR PRODUCTION OF SYNTHESIS GAS IN COMBINATION WITH THE MAINTENANCE OF THE ENERGY BALANCE FOR A PULP MILL
• PROCEDE COMBINE DE PRODUCTION DE GAZ DE SYNTHÈSE ET DE MAINTIEN DE L'EQUILIBRE ENERGETIQUE D'UNE USINE DE PATE A PAPIER

(71) **CHEMREC AB** [SE/SE]; Floragatan 10 B, S-114 31 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDBLOM, Mats** [SE/SE]; Torsviksvängen 12, S-181 34 Lidingö (SE).
LANDÄLV, Ingvar [SE/SE]; Rankhusvägen 2, S-196 31 Kungsängen (SE).

(74) **BERGENSTRÄHLE & LINDVALL AB**; P.O. Box 17704, S-118 93 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

- (51)⁷ **D21F**
(11) **WO 02/40769** (13) A2
(21) PCT/US01/46263
(22) **1 Nov/nov 2001 (01.11.2001)**
(25) en (26) en
(30) 09/706,149 **3 Nov/nov 2000 US (03.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • THREE-DIMENSIONAL TISSUE AND METHODS FOR MAKING THE SAME
• TISSU TRIDIMENSIONNEL ET SES PROCEDES DE FABRICATION

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) **LINDSAY, Jeffrey, Dean**; 20 Diane Lane, Appleton, WI 54915 (US). **BURAZIN, Mark, Alan**; 35 East County Road Y, Apt 3, Oshkosh, WI 54901 (US). **CHEN, Fung-Jou**; 3216 White Birch Lane, Appleton, WI 54915 (US). **HERMANS, Michael, Alan**; 1154 Park Village Drive, Neenah, WI 54956-5121 (US). **LIN, Philip, Sim**;

2543 Village Lane, Oshkosh, WI 54904 (US). **LARSON, Kenneth, Curtis**; 1500 S. Weimar Street, Appleton, WI 54915 (US).

(74) **PUGLIESE, Sebastian, C., III** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **D21F 1/00, 1/66**
(11) **WO 02/40770** (13) A1
(21) PCT/FI01/00995
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 20002511 **16 Nov/nov 2000 FI (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR DRAINING OF WATER FROM A CELLULOSE WEB
• DISPOSITIF ET PROCEDE POUR DRAINER L'EAU D'UNE BANDE DE CELLULOSE

(71) **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TÄHTI, Harri** [FI/FI]; Lahnantie 1, FIN-48800 Karhula (FI).

(74) **LEITZINGER OY**; Tammasaarenkatu 1, FIN-00180 Helsinki (FI).

(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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

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

Published / Publiée : (c)

- (51)⁷ **D21F 3/02**
(11) **WO 02/40771** (13) A1
(21) PCT/SE01/02492
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) 0004258-0 **20 Nov/nov 2000 SE (20.11.2000)**
(30) 60/264,154 **25 Jan/jan 2001 US (25.01.2001)**
(30) 09/796,248 **28 Feb/fév 2001 US (28.02.2001)**
(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD OF AND AN APPARATUS FOR PROTECTING THE JACKET UPON A WEB BREAK IN A HOT SHOE PRESS ROLL NIP

• PROCEDE ET APPAREIL DE PROTECTION D'UNE CHEMISE DES RUPTURE DE LA BANDE DANS UNE LIGNE DE CONTACT D'UN ROULEAU PRESSEUR A SABOT CHAUD

(71) **METSO PAPER KARLSTAD AB** [SE/SE]; Box 1014, S-651 15 Karlstad (SE).

(72) **BROX, Erik**; Trollstigen 20, S-667 33 Forshaga (SE).

(74) **COOPER, Jason, P.** et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) CA 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 **D21F 7/00**
(11) **WO 02/40772** (13) A1
(21) PCT/SE00/02248
(22) **15 Nov/nov 2000 (15.11.2000)**
(25) en (26) en
(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS FOR TRANSFERRING A FAST RUNNING FIBROUS WEB FROM A FIRST LOCATION TO A SECOND LOCATION

• APPAREIL DESTINE AU TRANSFERT D'UNE FEUILLE CONTINUE FIBREUSE EN MOUVEMENT RAPIDE ENTRE UN PREMIER EMPLACEMENT ET UN SECOND EMPLACEMENT

(71) **METSO PAPER KARLSTAD AB** [SE/SE]; P.O. Box 1014, S-651 15 Karlstad (SE).

(72) **HULTCRANTZ, Lars-Magnus**; Hällerud, S-669 92 Deje (SE). **EKLUND, Å., Tomas**; Lille Mats väg 10, S-653 46 Karlstad (SE). **OLSSON, Robert, D.**; Humlevägen 4, S-667 33 Forshaga (SE).

(74) **ANDRÉASSON, Ivar**; Metso Paper Karlstad AB, Patent Department, P.O. Box 1014, S-651 15 Karlstad (SE).

(81) CA 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 **D21H 17/70, 17/67, 23/20**(11) **WO 02/40773** (13) A1

(21) PCT/FI01/00986

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) fi (26) en

(30) 20002513 **16 Nov/nov 2000** FI
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND APPARATUS FOR
TREATING PULP WITH FILLER● PROCEDE ET APPAREIL PERMET-
TANT DE TRAITER DE LA PATE A
PAPIER AU MOYEN D'UN AGENT DE
CHARGE(71) **ANDRITZ OY** [FI/FI]; Tammasaarekatu 1,
FIN-00180 Helsinki (FI).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) **HENRICSON, Kaj** [FI/FI];
Munkkiniemen puistotie 12 A 19, FIN-00330
Helsinki (FI).(74) **ANDRITZ OY**; Patent Department, P.O.Box
500, FIN-48601 Kotka (FI).(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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ **D21H 27/00**(11) **WO 02/40774** (13) A2

(21) PCT/US01/50045

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) 09/712,808 **14 Nov/nov 2000** US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ENHANCED MULTI-PLY TISSUE
PRODUCTS● PRODUITS DU TYPE SERVIETTES PA-
PIER MULTICOUCHES(71) **KIMBERLY-CLARK WORLDWIDE,
INC.** [US/US]; 401 North Lake Street,
Neenah, WI 54956 (US).(72) **WARD, Margaret, M.**; 211 E. Carrington
Lane, Appleton, WI 54913 (US).
SHANKLIN, Gary; 8447 Easy Street,
Fremont, WI 54940 (US). **HENDERSON,
Cynthia, W.**; 411 Lowell Place, Neenah, WI
54956 (US). **PAYNE, Michael**; 3211 East
Parkside Boulevard, Appleton, WI 54915
(US).(74) **DORITY & MANNING, P.A.**; One Liberty
Square, 55 Beattie Place, Suite 1600, P.O. Box
1449, Greenville, SC 29602 (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 PL PT RO RU SD SE SG SILC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ **E01C 11/22**(11) **WO 02/40775** (13) A1

(21) PCT/JP01/09948

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-347292 **14 Nov/nov 2000** JP
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MORTAR JOINT BOARD

● PLANCHE JOINT DE MORTIER

(71) **KABUSHIKIKAISHA GLOBAL SYS-
TEM PRESENT'S** [JP/JP]; 10-2, Yu-
takamachi 2-chome, Tonami-shi, Toyama
939-1364 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) **SATOU, Yoshihiro** [JP/JP]; 4-35,
Imaisurugimachi 2-chome, Oyabe-shi,
Toyama 932-0051 (JP). **SATOU, Mamoru**
[JP/JP]; 4-35, Imaisurugimachi 2-chome,
Oyabe-shi, Toyama 932-0051 (JP). **SATOU,
Hirotaka** [JP/JP]; 4-35, Imaisurugimachi
2-chome, Oyabe-shi, Toyama 932-0051 (JP).
TAKEDA, Yohathiro [JP/JP]; 606, Daigo,
Takaoka-shi, Toyama 939-1131 (JP).(74) **NIHEI, Masayuki**; 6th Tomizawa bldg. 6F,
12-5, Yotsuya 2-chome, Shinjuku-ku, Tokyo
160-0004 (JP).

(81) CA CN US.

(84) EP (DE FR GB).

(51)⁷ **E01D 19/08, B32B 11/02, E04D 5/10,
E04B 1/64**(11) **WO 02/40776** (13) A1

(21) PCT/LV01/00003

(22) **7 May/mai 2001 (07.05.2001)**

(25) ru (26) ru

(30) P-00-157 **20 Nov/nov 2000** LV
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● HYDRAULIC INSULATING MATE-
RIAL

● MATERIAU D'ETANCHEIFICATION

(71, 72) **KUZNETSOV, Jurij Petrovich**
[LV/LV]; ul. Salnas, 17-38, LV-1021 Riga
(LV).(72, 75) **SAKHAROVA, Inna Dmitrievna**
[RU/RU]; pr. Lenina, 69-7, Balashikha,
Moskovskaya obl., 143900 (RU).(74) **KUZNETSOV, Jurij Petrovich**; ul. Salnas,
17-38, LV-1021 Riga (LV).(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 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 PL PT RO RU SD SE SG SISK 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).(51)⁷ **E01F 9/03**(11) **WO 02/40777** (13) A2

(21) PCT/US01/43464

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 2000-349528 **16 Nov/nov 2000** JP
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● RETROREFLECTIVE ROADWAY DE-
LINEATOR● DELINEATEUR RETROREFLECHIS-
SANT(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) **NAKAYAMA, Naoki** [JP/JP]; 7-19,
Kashiwagi-cho 1-Chome, Tendo, Yamagata
994-0003 (JP).(74) **HOFMANN, Rudolph, P., Jr.** et al. / etc.;
Office of Intellectual Property Counsel, Post
Office Box 33427, Saint Paul, MN 55133-
3427 (US).(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID 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 SK (Utility
model / modèle d'utilité) 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ **E01F 13/02**(11) **WO 02/40778** (13) A1

(21) PCT/FR01/03483

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) fr (26) fr

(30) 00/14599 **14 Nov/nov 2000** FR
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● EXTENSIBLE BARRIER ON ROLLERS
WITH MANUALLY EXTENSIBLE
AND RETRACTABLE PIVOTING ELE-
MENTS● BARRIERE EXTENSIBLE SUR ROU-
LETTES A ELEMENTS MODULAIRES
PIVOTANTS DEPLOYABLE ET RE-
PLIABLE MANUELLEMENT

(71, 72) **AUBIN, Philippe** [FR/FR]; 21, allée des Mariniers, Hameau de Villers, F-77310 Saint Fargeau Ponthierry (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ **E01F 15/00**

(11) **WO 02/40779** (13) A1

(21) PCT/US01/45847

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/713,362 **15 Nov/nov 2000 (15.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • **IMPACT ABSORBING BARRIER**
• **BARRIERE D'AMORTISSEMENT**

(71, 72) **WILLIAMS, Tim, Lee** [US/US]; 2685 Corriher Grange Road, Mt. Ulla, NC 28125 (US).

(72) **CONWAY, Bret, A.**; 3684 Delling Downs Road, Denver, NC 28125 (US).

(74) **JOHNSTON, Michael, G.**; Moore & Van Allen PLLC, Suite 800, 2200 West Main Street, Durham, NC 27705 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **E02B 3/12, 3/10**

(11) **WO 02/40780** (13) A1

(21) PCT/CA00/01363

(22) **20 Nov/nov 2000 (20.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • **HYDRAULIC DAM**
• **BARRAGE HYDRAULIQUE**

(71) **FLOODMASTER DESIGN INC.** [CA/CA]; 74 Brookdale Avenue, Toronto, Ontario M5M 1P3 (CA).
(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **DE SOUSA COSTA, Alberto, "P.G."** [CA/CA]; 74 Brookdale Avenue, Toronto, Ontario M5M 1P3 (CA).

(74) **SMART & BIGGAR**; Attention: Ronald D. Faggetter, 438 University Avenue, Suite 1500, Box 111, Toronto, Ontario M5G 2K8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **E02D 31/08, 29/02**

(11) **WO 02/40781** (13) A1

(21) PCT/RU01/00414

(22) **16 Oct/oct 2001 (16.10.2001)**

(25) ru (26) ru

(30) 2000128310 **14 Nov/nov 2000 (14.11.2000)** RU

(43) 23 May/mai 2002 (23.05.2002)

(54) • **METHOD FOR STOPPING LANDSLIDES**
• **PROCEDES POUR ARRETER DES GLISSEMENTS DE TERRAIN**

(71, 72) **LAMOV, Leonid Aleksandrovich** [RU/RU]; ul. Timme, 2-174, Arkhangelsk, 163060 (RU).

(72, 75) **BUROV, Sergey Vyacheslavovich** [RU/RU]; ul. Severodvinskaya, 11-21, Arkhangelsk, 163046 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

(51)⁷ **E02F 9/18**

(11) **WO 02/40782** (13) A1

(21) PCT/JP01/09063

(22) **16 Oct/oct 2001 (16.10.2001)**

(25) ja (26) ja

(30) 2000-346642 **14 Nov/nov 2000 (14.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • **CONSTRUCTION MACHINE**
• **ENGIN DE TERRASSEMENT**

(71) **SHIN CATERPILLAR MITSUBISHI LTD.** [JP/JP]; 10-1, Youga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP).
(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **IWASA, Kazumichi** [JP/JP]; c/o Shin Caterpillar Mitsubishi Ltd., 10-1, Youga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP).
TSUJI, Masanori [JP/JP]; c/o Shin Caterpillar Mitsubishi Ltd., 10-1, Youga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP).
YAMAUCHI, Yuichiro [JP/JP]; c/o Shin Caterpillar Mitsubishi Ltd., 10-1, Youga 4-chome,

Setagaya-ku, Tokyo 158-0097 (JP). **GOTO, Takahiro** [JP/JP]; c/o Seiry Engineering Co., Ltd., 1-14, Wadamiyadouri 7-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0863 (JP).

(74) **ONO, Hisazumi**; Nippon Shuzo Bldg. 4th Fl., 1-21, Nishi-Shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AU CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **E02F 9/26**

(11) **WO 02/40783** (13) A1

(21) PCT/JP01/09804

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) ja (26) ja

(30) 2000-350906 **17 Nov/nov 2000 (17.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • **DISPLAY DEVICE AND DISPLAY CONTROLLER OF CONSTRUCTION MACHINERY**
• **DISPOSITIF D'AFFICHAGE ET CONTROLEUR D'AFFICHAGE POUR MATERIEL DE CONSTRUCTION**

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **OGURA, Hiroshi** [JP/JP]; Guran-dohru-U. U-205, 7-14, Hiradai 3-chome, Ryugasaki-shi, Ibaraki 301-0003 (JP).
WATANABE, Hiroshi [JP/JP]; 1082-66, Tagucho, Ushiku-shi, Ibaraki 300-1236 (JP).
FUJISHIMA, Kazuo [JP/JP]; Shitina-Kandatsu-C-101, 2607-8, Shimoinayoshi, Chiyodamachi, Niihari-gun, Ibaraki 315-0052 (JP).
TOMITA, Sadahisa [JP/JP]; Chiyoda-house 4-306, 1828, Niihari, Chiyodamachi, Niihari-gun, Ibaraki 315-0051 (JP).

(74) **KASUGA, Yuzuru**; 7F., Kyodo Bldg. -Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **E03B 11/00**

(11) **WO 02/40784** (13) A2

(21) PCT/CA01/01601

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 2,326,272 **17 Nov/nov 2000 (17.11.2000)** CA

(43) 23 May/mai 2002 (23.05.2002)

(54) • **SUB-BASE DRAINAGE DEVICE**
• **DISPOSITIF PERMETTANT L'ECOULEMENT DES EAUX DANS LA COUCHE DE FONDATION**

(71) **DELTA LOK INC.** [CA/CA]; Suite 519, World Trade Centre Office Complex, 999 Canada Place, Vancouver, British Columbia V6C 3E1 (CA).
VERSA-LOK ASIA INC. [MY/SI]; 3 Shenton Way, #03-06B, Shenton House, 068805 Singapore (SG).
(*for all designated States except / pour tous les États désignés sauf US*)

- (72, 75) **KIM, Hun, S.** [CA/CA]; Suite 519, World Trade Centre Office Complex, 999 Canada Place, Vancouver, British Columbia V6C 3E1 (CA).
- (74) **MCGRUDER, David, J.**; Oyen Wiggs Green & Mutala, 480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NZ PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E03C**
- (11) **WO 02/40785** (13) A2
- (21) PCT/GB01/05070
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 0028063.6 **16 Nov/nov 2000 (16.11.2000)** GB
- (30) 0028064.4 **16 Nov/nov 2000 (16.11.2000)** GB
- (30) 0028065.1 **16 Nov/nov 2000 (16.11.2000)** GB
- (30) 0028067.7 **16 Nov/nov 2000 (16.11.2000)** GB
- (30) 0100809.3 **12 Jan/jan 2001 (12.01.2001)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FLOOD PROTECTION APPARATUS
• APPAREIL DE LUTTE CONTRE LES INONDATIONS
- (71, 72) **JONES, Robert, Alexander** [GB/GB]; Dee View, Chester Road, Flint, North Wales CH6 5DT (GB). **JONES, Peter, Anthony** [GB/GB]; Sevenoaks, Coed Llys, Bryn-y-Garreg, Flint Mountain, North Wales CH6 5QU (GB).
- (74) **HAMILTON, Alistair**; Ty Eurgain, Cefn Eurgain Lane, Rhosesmor, Nr. Mold, Flintshire, North Wales CH7 6PG (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 NO NZ PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E03C 1/05**
- (11) **WO 02/40786** (13) A1
- (21) PCT/JP01/04068
- (22) **16 May/mai 2001 (16.05.2001)**
- (25) ja (26) ja
- (30) 2000-346472 **14 Nov/nov 2000 (14.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FAUCET CONTROLLER
• UNITE DE COMMANDE DE ROBINET
- (71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KANEKO, Yoshiyuki** [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP).
- (74) **KOYAMA, Yuu**; Shuwa kioicho TBR Bldg., Suite 922, 5-7, Kojimachi, Chiyoda-ku, Tokyo 102-0083 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **E03D 9/03**
- (11) **WO 02/40787** (13) A1
- (21) PCT/EP01/12973
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) de (26) de
- (30) 100 57 325.8 **17 Nov/nov 2000 (17.11.2000)** DE
- (30) 101 13 036.8 **17 Mar/mar 2001 (17.03.2001)** DE
- (30) 201 13 329.6 **17 Aug/août 2001 (17.08.2001)** DE
- (30) 201 16 295.4 **4 Oct/oct 2001 (04.10.2001)** DE
- (30) 201 16 963.0 **16 Oct/oct 2001 (16.10.2001)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DISTRIBUTING DEVICE FOR DISTRIBUTING FLUIDS CONTAINING ACTIVE INGREDIENTS
• DISPOSITIF DE DISTRIBUTION SERVANT A DISTRIBUER DES LIQUIDES ACTIFS
- (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUTTER-JENTSCH, Ralph** [DE/DE]; Am Schiefersgrund 112, 40764 Langenfeld (DE). **GRÄBER, Lutz** [DE/DE]; Alt Breinig 18, 52223 Stolberg (DE). **MENKE, Ronald** [DE/DE]; Nietzschestrasse 9, 40822 Mettmann (DE). **PESEL, Frank** [DE/DE]; Friedhofstrasse 9, 40597 Düsseldorf (DE). **MÜHLHAUSEN, Hans-Georg** [DE/DE]; Schimmelpfennigstrasse 61, 40597 Düsseldorf (DE). **LEHMANN, Detlef** [DE/DE]; Grünstrasse 23, 40699 Erkrath (DE).
- (81) AU BR CA CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **E03D 9/03**
- (11) **WO 02/40788** (13) A1
- (21) PCT/EP01/08458
- (22) **21 Jul/juil 2001 (21.07.2001)**
- (25) de (26) de
- (30) 100 57 312.6 **17 Nov/nov 2000 (17.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DISPENSING DEVICE FOR DISPENSING AN ACTIVE AGENT FLUID INTO A TOILET BOWL
• DISPOSITIF DE LIBERATION DESTINE A LIBERER UN AGENT ACTIF LIQUIDE DANS UNE CUVETTE DE TOILETTES
- (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40191 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUTTER-JENTSCH, Ralph** [DE/DE]; Am Schiefersgrund 112, 40764 Langenfeld (DE). **MENKE, Ronald** [DE/DE]; Nietzschestrasse 9, 40822 Mettmann (DE). **MÜHLHAUSEN, Hans-Georg** [DE/DE]; Schimmelpfennigstrasse 61, 40597 Düsseldorf (DE). **PESEL, Frank** [DE/DE]; Friedhofstrasse 9, 40597 Düsseldorf (DE).
- (81) AU BR CA CN CO CR CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (b)
-
- (51)⁷ **E03D 9/03**
- (11) **WO 02/40789** (13) A1
- (21) PCT/EP01/08459
- (22) **21 Jul/juil 2001 (21.07.2001)**
- (25) de (26) de
- (30) 100 57 317.7 **17 Nov/nov 2000 (17.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • RELEASE DEVICE FOR RELEASING A LIQUID CONTAINING AN ACTIVE INGREDIENT INTO A TOILET BOWL
• DISPOSITIF DE DEGAGEMENT D'UN FLUIDE RENFERMANT UN PRODUIT ACTIF DANS UNE CUVETTE DE W-C

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40191 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUTTER-JENTSCH, Ralph** [DE/DE]; Am Schiefersgrund 112, 40764 Langenfeld (DE). **MENKE, Roland** [DE/DE]; Nietzschestrasse 9, 40822 Mettmann (DE). **MÜHLHAUSEN, Hans-Georg** [DE/DE]; Schimmelpfennigstrasse 61, 40597 Düsseldorf (DE). **PESSEL, Frank** [DE/DE]; Friedhofstrasse 9, 40597 Düsseldorf (DE).

(81) AU BR CA CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (b)

(51)⁷ **E03D 9/03**

(11) **WO 02/40790** (13) A1

(21) PCT/EP01/08460

(22) **21 Jul/juil 2001 (21.07.2001)**

(25) de (26) de

(30) 100 57 300.2 **17 Nov/nov 2000 DE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DISPENSING DEVICE FOR DISPENSING AN ACTIVE SUBSTANCE FLUID INTO A TOILET BOWL

• DISPOSITIF DE DISTRIBUTION POUR DELIVRER UN FLUIDE ACTIF DANS UNE CUVETTE DE W.C.

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40191 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUTTER-JENTSCH, Ralph** [DE/DE]; Am Schiefersgrund 112, 40764 Langenfeld (DE). **MENKE, Roland** [DE/DE]; Nietzschestrasse 9, 40822 Mettmann (DE). **MÜHLHAUSEN, Hans-Georg** [DE/DE]; Schimmelpfennigstrasse 61, 40597 Düsseldorf (DE). **PESSEL, Frank** [DE/DE]; Friedhofstrasse 9, 40597 Düsseldorf (DE).

(81) AU BR CA CN CO CR CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (a)

(51)⁷ **E03D 9/03**

(11) **WO 02/40791** (13) A1

(21) PCT/EP01/08461

(22) **21 Jul/juil 2001 (21.07.2001)**

(25) de (26) de

(30) 100 57 325.8 **17 Nov/nov 2000 DE (17.11.2000)**

(30) 101 13 036.8 **17 Mar/mar 2001 DE (17.03.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DISPENSING DEVICE FOR DISPENSING ACTIVE SUBSTANCE FLUIDS INTO THE FLUSHING LIQUID INSIDE A TOILET BOWL

• DISPOSITIF DE DISTRIBUTION POUR AJOUTER DES FLUIDES ACTIFS A L'EAU DE LA CHASSE DANS UNE CUVETTE DE W.C.

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40191 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUTTER-JENTSCH, Ralph** [DE/DE]; Am Schiefersgrund 112, 40764 Langenfeld (DE). **MENKE, Roland** [DE/DE]; Nietzschestrasse 9, 40822 Mettmann (DE). **MÜHLHAUSEN, Hans-Georg** [DE/DE]; Schimmelpfennigstrasse 61, 40597 Düsseldorf (DE). **PESSEL, Frank** [DE/DE]; Friedhofstrasse 9, 40597 Düsseldorf (DE). **JUNGSMANN, Thomas** [DE/DE]; Max-Ernst-Strasse 41, 41470 Neuss (DE). **HUCHLER, Stefan** [DE/DE]; Albertus-Magnus-Strasse 88, 51375 Leverkusen (DE).

(81) AU BR CA CN CO CR CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **E03D 9/03**

(11) **WO 02/40792** (13) A1

(21) PCT/NL01/00832

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) nl (26) en

(30) 1016631 **17 Nov/nov 2000 NL (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE WITH MULTIPLE TOILET CARE ACTION

• DISPOSITIF A ACTION MULTIPLE POUR L'HYGIENE DES TOILETTES

(71) **SARA LEE/DE N.V.** [NL/NL]; Keulsekade 143, NL-3532 AA Utrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUHN, Petrus, Henricus, Aloysius, Nicolaas** [NL/NL]; Hanenburglaan 294, NL-2565 HG The Hague (NL).

(74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E03D 11/10, E03F 1/00**

(11) **WO 02/40793** (13) A1

(21) PCT/FI01/00944

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) en (26) en

(30) 09/713,967 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DISCHARGE VALVE FOR A VACUUM TOILET

• VANNE DE VIDANGE POUR TOILETTE A ASPIRATION

(71) **EVAC INTERNATIONAL OY** [FI/FI]; Purotie 1, FIN-00380 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PONDELICK, Mark** [US/US]; 10848 Hamburg Road, Roscoe, IL 61073 (US). **STRADINGER, Jay D.** [US/US]; 12742 Bellmawr Lane, Roscoe, IL 61073 (US). **ANDERSON, William, Bruce** [US/US]; 128 N. Vale Avenue, Rockford, IL 61109 (US). **WALLACE, Douglas, M.** [US/US]; 9343 Forest Ridge Drive, Roscoe, IL 61073 (US). **HANCOCK, Michael, B.** [US/US]; 1464 Randall Drive, Rockford, IL 61108 (US). **MCGOWAN, Arthur, J., Jr.** [US/US]; 604 East 130th Way, Thornton, CO 80241 (US). **TINKLER, Ian** [GB/US]; 3345 Gunflint Trail, Rockford, IL 61109 (US).

(74) **AWEK INDUSTRIAL PATENTS LTD OY**; P.O.Box 230, (John Stenbergin ranta 2), FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E03D 11/16, E03F 1/00**

(11) **WO 02/40794** (13) A1

(21) PCT/FI01/00935

(22) **29 Oct/oct 2001 (29.10.2001)**

(25) en (26) en

(30) 09/713,861 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • VACUUM TOILET BOWL ASSEMBLY
• ENSEMBLE CUVETTE DE TOILETTES A ASPIRATION

(71) **EVAC INTERNATIONAL OY** [FI/FI]; Purotie 1, FIN-00380 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PONDELICK, Mark** [US/US]; 10848 Hamburg Road, Roscoe, IL 61073 (US). **STRADINGER, Jay D.** [US/US]; 12742 Bellmawr Lane, Roscoe, IL 61073 (US). **ANDERSON, William Bruce** [US/US]; 128 N. Vale Avenue, Rockford, IL 61109 (US). **WALLACE, Douglas M.** [US/US]; 9343 Forest Ridge Drive, Roscoe, IL 61073 (US).

- HANCOCK, Michael B.** [US/US]; 1464 Randall Drive, Rockford, IL 61108 (US).
MCGOWAN, JR., Arthur J. [US/US]; 604 East 130th Way, Thornton, CO 80241 (US).
TINKLER, Ian [GB/US]; 3345 Gunflint Trail, Rockford, IL 61109 (US).
- (74) **AWEK INDUSTRIAL PATENTS LTD OY**; P.O.Box 230, (John Stenbergin ranta 2), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E03F 1/00**
- (11) **WO 02/40796** (13) A1
- (21) PCT/FI01/00936
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en
- (30) 09/713,892 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MODULAR VACUUM TOILET
• TOILETTES A ASPIRATION MODULAIRES
- (71) **EVAC INTERNATIONAL OY** [FI/FI]; Purotie 1, FIN-00380 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PONDELICK, Mark** [US/US]; 10848 Hamborg Road, Roscoe, IL 61073 (US).
STRADINGER, Jay D. [US/US]; 12742 Bellmawr Lane, Roscoe, IL 61073 (US).
ANDERSON, William Bruce [US/US]; 128 N. Vale Avenue, Rockford, IL 61109 (US).
WALLACE, Douglas M. [US/US]; 9343 Forest Ridge Drive, Roscoe, IL 61073 (US).
HANCOCK, Michael B. [US/US]; 1464 Randall Drive, Rockford, IL 61108 (US).
MCGOWAN, JR., Arthur J. [US/US]; 604 East 130th Way, Thornton, CO 80241 (US).
TINKLER, Ian [GB/US]; 3345 Gunflint Trail, Rockford, IL 61109 (US).
- (74) **AWEK INDUSTRIAL PATENTS LTD OY**; P.O. Box 230, (John Stenbergin ranta 2), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E04B 1/32**
- (11) **WO 02/40798** (13) A1
- (21) PCT/JP02/00215
- (22) **16 Jan/jan 2002 (16.01.2002)**
- (25) ja (26) ja
- (30) not furnished **4 Jan/jan 2002** JP
(04.01.2002)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ENVIRONMENTAL CONSERVATION HOUSE BUILDING METHOD AND SO FORTH
• PROCEDE DE CONSTRUCTION DE MAISON RESPECTUEUSE DE L'ENVIRONNEMENT ET AINSI DE SUITE
- (71, 72) **SUZUKI, Takashi** [JP/JP]; 5, Nozawa Apart, 3-38, Nakatacho, Mishima-shi, Shizuoka 411-0838 (JP).
- (81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR
- HANCOCK, Michael B.** [US/US]; 1464 Randall Drive, Rockford, IL 61108 (US).
MCGOWAN, JR., Arthur J. [US/US]; 604 East 130th Way, Thornton, CO 80241 (US).
TINKLER, Ian [GB/US]; 3345 Gunflint Trail, Rockford, IL 61109 (US).
- (74) **AWEK INDUSTRIAL PATENTS LTD OY**; P.O.Box 230, (John Stenbergin ranta 2), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E03F 1/00, E03D 5/00**
- (11) **WO 02/40795** (13) A1
- (21) PCT/FI01/00930
- (22) **26 Oct/oct 2001 (26.10.2001)**
- (25) en (26) en
- (30) 09/713,870 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • VALVE SET FOR A VACUUM TOILET
• ENSEMBLE VANNE POUR TOILETTE A ASPIRATION
- (71) **EVAC INTERNATIONAL OY** [FI/FI]; Purotie 1, FIN-00380 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PONDELICK, Mark** [US/US]; 10848 Hamborg Road, Roscoe, IL 61073 (US).
STRADINGER, Jay D. [US/US]; 12742 Bellmawr Lane, Roscoe, IL 61073 (US).
ANDERSON, William Bruce [US/US]; 128 N. Vale Avenue, Rockford, IL 61109 (US).
WALLACE, Douglas M. [US/US]; 9343 Forest Ridge Drive, Roscoe, IL 61073 (US).
HANCOCK, Michael B. [US/US]; 1464 Randall Drive, Rockford, IL 61108 (US).
MCGOWAN, JR., Arthur J. [US/US]; 604 East 130th Way, Thornton, CO 80241 (US).
TINKLER, Ian [GB/US]; 3345 Gunflint Trail, Rockford, IL 61109 (US).
- (74) **AWEK INDUSTRIAL PATENTS LTD OY**; P.O.Box 230, (John Stenbergin ranta 2), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E03F 1/00, E03D 5/00**
- (11) **WO 02/40797** (13) A1
- (21) PCT/FI01/00937
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en

HU ID IL IN IS JP KP KR LC LK LR LT LV
MA MG MK MN MX NO NZ OM PH PL RO
SG SI SK TN TT UA US UZ VN YU ZA ZM.

Published / Publiée : (c), (f)

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ **E04B 1/92, H05K 9/00, C04B 14/02**

(11) **WO 02/40799** (13) A1

(21) PCT/GB01/05009

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0027724.4 **14 Nov/nov 2000 GB (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • AN ELECTROMAGNETIC RADIATION SHIELDING MATERIAL
• MATERIAU D'ECRAN DE PROTECTION ELECTROMAGNETIQUE

(71) **MANTLE & LLAY LIMITED** [GB/GB]; Park Square, 3160 Solihull Parkway, Birmingham Business Park, Birmingham B37 7YN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRIFFITHS, John** [GB/GB]; The Old School, Glanton, Alnwick, Northumberland NE66 4BA (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QN (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E04B 2/06**

(11) **WO 02/40800** (13) A1

(21) PCT/GR01/00040

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) en (26) en

(30) 20000100409 **16 Nov/nov 2000 GR (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • "CONCRETEWALL": AN ASSEMBLED STRUCTURAL ELEMENT
• MUR DE BETON: ELEMENT DE STRUCTURE ASSEMBLE

(71, 72) **CHOUNTIS, Charalambos** [GR/GR]; 5 Omirou Str, GR-171 21 Nea Smirni Attiki (GR).

(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 PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW.

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ **E04B 2/96**

(11) **WO 02/40801** (13) A1

(21) PCT/KR01/01919

(22) **10 Nov/nov 2001 (10.11.2001)**

(25) ko (26) en

(30) 2000/67019 **11 Nov/nov 2000 KR (11.11.2000)**

(30) 2000/73453 **5 Dec/déc 2000 KR (05.12.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • STEEL FRAME FOR CURTAIN WALL, CONSTRUCTION METHOD AND STRUCTURE OF OPEN-JOINT EXTERNAL WALL USING THE SAME
• CHASSIS METALLIQUE POUR CLOISON DE SEPARATION, PROCEDE DE CONSTRUCTION ET STRUCTURE DE MUR EXTERIEUR A JOINT OUVERT COMPRENANT CE DERNIER

(71) **FINE CURTAIN WALL CO., LTD** [KR/KR]; 3rd Floor, Cheonha Bldg, 403-20, Daebang-dong, Dongjak-gu, Seoul 156-811 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JUNG, Yong-Joo** [KR/KR]; 61-4, Sinweol 5-dong, Yangcheon-gu, Seoul 158-095 (KR).

(74) **KOH, Young-Hoe**; Seocho-gu Seocho-dong, 1543-11 Sanwoo Building, 4th floor, Seoul 137-070 (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E04D 3/16, E04C 3/17**

(11) **WO 02/40802** (13) A1

(21) PCT/FR01/03518

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) fr (26) fr

(30) 00/14611 **14 Nov/nov 2000 FR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR MAKING A WOODEN BEAM, WOODEN BEAM AND STRUCTURE FOR CONSTRUCTING A BUILDING
• PROCEDE DE FABRICATION D'UNE POUTRE EN BOIS, POUTRE EN

BOIS ET OSSATURE BOIS POUR LA
CONSTRUCTION D'UN BATIMENT

(71) **DOREAN SARL** [FR/FR]; 11 rue de L'Eglise, F-68720 Saint-Bernard (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMERBER, Claude** [FR/FR]; 11, rue de L'Eglise, F-68720 Saint-Bernard (FR).

(74) **NITHARDT, Roland**; Cabinet Nithardt et Associés S.A., B.P. 1445, F-68071 Mulhouse 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 ES FI GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E04D 3/36, 5/14**

(11) **WO 02/40803** (13) A1

(21) PCT/EP01/13126

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) de (26) de

(30) 00125007.5 **16 Nov/nov 2000 EP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR FIXING A ROOF SEALING STRIP
• PROCEDE ET DISPOSITIF DE FIXATION D'UN LE D'ETANCHEITE POUR TOITURE

(71, 72) **KOCH, Hans-Jürgen** [DE/DE]; Pin-swang 4, 83253 Rimsting (DE).

(74) **STROBEL, Wolfgang**; Kroher Strobel, Bavariaring 20, 80336 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : (c)

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ **E04D 13/04**

(11) **WO 02/40804** (13) A1

(21) PCT/EP01/13286

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 57 197.2 **17 Nov/nov 2000 DE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR DRAINING FLAT ROOFS, BALCONIES, TERRACES OR OTHER FLAT BUILDINGS

- DISPOSITIF POUR EVACUER L'EAU DES TOITS PLATS, DES BALCONS, DES TERRASSES OU D'AUTRES CONSTRUCTIONS PLATES
- (71) **SITA BAUELEMENTE GMBH** [DE/DE]; Brocker Strasse 29, 33442 Herzebrock-Clarholz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DRESMANN, Markus** [DE/DE]; Feldmannsweg 14, 33442 Herzebrock-Clarholz (DE).
- (74) **STRAUSS, H., J.** et al. / etc.; Postfach 2452, 33254 Gütersloh (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ E04F

- (11) **WO 02/40805** (13) A2
- (21) PCT/HU01/00112
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) hu (26) de
- (30) P 0004494 **15 Nov/nov 2000 (15.11.2000)** HU
- (30) P 0004495 **15 Nov/nov 2000 (15.11.2000)** HU
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR PRODUCING INLAID WOOD PRODUCTS AND PRODUCT MANUFACTURED ACCORDING TO SAID METHOD
- PROCEDE DE FABRICATION DE PRODUITS EN BOIS POURVUS D'ELEMENTS DE MARQUETERIE ET PRODUIT FABRIQUE AU MOYEN DE CE PROCEDE
- (71, 72) **RÓZSA, Ferenc** [HU/HU]; Ügyész u. 4, H-1122 Budapest (HU).
- (74) **SCHNITTA, Antal**; Ménesi út 4., H-1118 Budapest (HU).
- (81) AT BY CH CZ DE DK EE ES FI GB HR JP KR LT LU LV NO PL PT RO SE SI SK TR UA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

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

(51)⁷ E04F

- (11) **WO 02/40806** (13) A2
- (21) PCT/US00/30137
- (22) **14 Nov/nov 2000 (14.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESSES OF FINISHING SLITS OF SURFACE LAYER OF AIRPLANE RUNWAY
- PROCEDES POUR RETOUCHER LES FENTES DE LA COUCHE SUPERFICIELLE D'UNE PISTE D'AVIATION
- (71) **LU, Eric, Chia-Chun** [US/US]; No. 3583 Briargrove Lane, Dallas, TX 75287 (US).

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

- (71, 72) **LU, Chia-Lung** [CN/CN]; Suite 5, 4th floor, No. 187 Dade 2nd Road, Gangshan Jen, Kaohsiung 820 (CN).
- (74) **KENNEY, J., Ernest** 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ E04F

- (11) **WO 02/40807** (13) A2
- (21) PCT/US01/43705
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,241 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRICALLY CONDUCTIVE PAVEMENT MIXTURE
- MELANGE DE CHAUSSEE ELECTRO-CONDUCTEUR
- (71) **SUPERIOR GRAPHITE CO.** [US/US]; Suite 1600, 10 South Riverside Plaza., Chicago, IL 60606 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZALESKI, Peter, L.** [US/US]; 155 Glennwood, Willow Springs, IL 60480 (US).
DERWIN, David, J. [US/US]; 1792 Linden, Des Plaines, IL 60018 (US).
FLOOD, Walter, H., Jr. [US/US]; 1945 East 87th Street, Chicago, IL 60617 (US).
- (74) **HELLER, Stephen, B.**; Cook, Alex, McFar-ron, Manzo., Cummings & Mehler, Ltd., Suite 2850, 200 West Adams Street, Chicago, IL 60606 (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 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04F 15/04

- (11) **WO 02/40808** (13) A1
- (21) PCT/EP01/13085
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en

(30) 1016658 **20 Nov/nov 2000 (20.11.2000)** NL

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE FOR CONNECTING TO EACH OTHER THREE FLAT ELEMENTS
- DISPOSITIF PERMETTANT DE RELIER TROIS ELEMENTS PLATS LES UNS AUX AUTRES
- (71, 72) **VAN DER HEIJDEN, Franciscus, Antonius, Maria** [NL/BE]; Grotenhout 2, B-2275 Lille (BE).
- (74) **HYDRO S.A.**; Ir. L.L.M. Bleukx, Marcel Thiryllaan 83, B-1200 Brussels (BE).
- (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04F 19/02

- (11) **WO 02/40809** (13) A1
- (21) PCT/SE01/02506
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) sv (26) en
- (30) 0004166-5 **15 Nov/nov 2000 (15.11.2000)** SE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SKIRTING PROFILE
- PROFILE SOCLE DE LAMBRIS
- (71) **PERGO AB** [SE/SE]; Strandridaregatan 8, S-231 25 Trelleborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KORNFÄLT, Sven** [SE/SE]; Sallerupsvägen 18, S-212 18 Malmö (SE).
GUNNARSSON, Charlotta [SE/SE]; Slussgatan 14 4tr, S-211 30 Malmö (SE).
- (74) **STENBERG, Yngve**; c/o Perstorp AB, S-284 80 Perstorp (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04G 17/04

- (11) **WO 02/40810** (13) A1
- (21) PCT/AU01/01482
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en

- (30) PR 1465 **15 Nov/nov 2000 AU (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CONNECTORS FOR SIDEFORMS USED IN FORMWORK FOR MOULDING CONCRETE CONSTRUCTION PANELS
- CONNECTEURS DE FORMES LATÉRALES UTILISÉES DANS LE COFFRAGE DE COULÉE DE PANNEAUX DE CONSTRUCTION EN BÉTON
- (71) **TILTFORM DESIGN & DEVELOPMENT PTY LTD** [AU/AU]; 987-991 Port Road, Cheltenham, S.A. 5014 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SLADOJEVIC, Robert** [AU/AU]; 84 Penfolds Road, Rosslyn Park, S.A. 5072 (AU).
- (74) **MADDERN**; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E04H 15/62**
- (11) **WO 02/40811** (13) A1
- (21) PCT/GB01/05021
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 0027891.1 **15 Nov/nov 2000 GB (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ANCHORAGE
- DISPOSITIF D'ANCRAGE
- (71, 72) **BIRSS, David** [GB/GB]; 12 Willbrook Drive, Coates, Peterborough PE7 2JG (GB).
- (74) **SERJEANTS**; 25 The Crescent, King Street, Leicester LE1 6RX (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **E05B**
- (11) **WO 02/40812** (13) A2
- (21) PCT/DE01/04380
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) de (26) de
- (30) 100 57 007.0 **17 Nov/nov 2000 DE (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LOCK SYSTEM WITH A FUNCTION CONTROLLING MECHANISM
- SYSTÈME DE FERMETURE POUR VU D'UN MÉCANISME DE COMMANDE DE FONCTIONNEMENT
- (71) **BROSE FAHRZEUGTEILE GMBH & CO. KG, COBURG** [DE/DE]; Ketschendorfer Str. 38-50, 96450 Coburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BÜCKER, Rolf** [DE/DE]; Lauterburgstrasse 10b, 96450 Coburg (DE). **SOMMER, Uwe** [DE/DE]; Schmiedsgasse 3, 96528 Effelder (DE). **ÜBELEIN, Jörg** [DE/DE]; Steinweg 9a, 96271 Grub am Forst (DE). **GÖRTZ, Andre** [DE/DE]; Wilhelm-Weitling-Strasse 42, 01259 Dresden (DE).
- (74) **NINNEMANN, Detlef**; Maikowski & Ninneemann, Postfach 15 09 20, 10671 Berlin (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E05B 67/38**
- (11) **WO 02/40813** (13) A1
- (21) PCT/KR01/01962
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ko (26) en
- (30) 2000/32163 U **16 Nov/nov 2000 KR (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMPROVED AUXILIARY LOCK HAVING SECURITY FUNCTION
- SERRURE AUXILIAIRE DE SURETE
- (71, 72) **KWON, Oh-Sung** [KR/KR]; 3-302, Yongmavilla, 337-5, Gil-dong, Gangdong-gu, 134-010 Seoul (KR).
- (74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, 137-874 Seoul (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E05D 1/04, 15/24**
- (11) **WO 02/40814** (13) A1
- (21) PCT/US01/43943
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,850 **17 Nov/nov 2000 US (17.11.2000)**
- (30) 09/911,301 **23 Jul/juillet 2001 US (23.07.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DOOR PANEL AND DOOR ASSEMBLY
- PANNEAU DE PORTE ET ENSEMBLE PORTE
- (71) **FUKUVI USA, INC.** [US/US]; 7631 Progress Court, Center Point 70, Commerce Park, Huber Heights, OH 45424 (US).
- (72) **DODSON, Gordon, Charles**; 3853 Nutt Drive, Lewis Center, OH 43035 (US). **TAKAGI, Kyojuro**; 1854 Baldwin Drive, Centerville, OH 45459 (US).
- (74) **BEYER, James, E.**; Killworth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **E05D 15/48, E05F 15/00**
- (11) **WO 02/40815** (13) A1
- (21) PCT/DK01/00749
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) da (26) en
- (30) PA 2000 01708 **15 Nov/nov 2000 DK (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • WINDOW CONSTRUCTION HAVING SEVERAL WAYS OF OPENING
- STRUCTURE DE FENÊTRE A PLUSIEURS MODES D'OUVERTURE
- (71) **VKR HOLDING A/S** [DK/DK]; Tobaksvej 10, DK-2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRADÉ, Claus, Børge** [DK/DK]; Strandvejen 221, DK-2900 Hellerup (DK).
- (74) **INTERNATIONALT PATENT-BUREAU**; Høje Taastrup Boulevard 23, DK-2630 Taastруп (DK).
- (81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E06B 3/58, 1/30**

(11) **WO 02/40816** (13) A2

(21) PCT/US01/43641

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,801 **17 Nov/nov 2000** US
(**17.11.2000**)

(30) 09/854,909 **14 May/mai 2001** US
(**14.05.2001**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • WINDOW FRAME, WINDOW FRAME ASSEMBLY AND METHOD OF FABRICATION

• DORMANT DE FENETRE, ENSEMBLE DE DORMANT DE FENETRE ET PROCEDE DE FABRICATION ASSOCIE

(71) **FUKUVI USA, INC.** [US/US]; 7631 Progress Court, Center Point 70, Commerce Park, Huber Heights, OH 45424 (US).

(72) **DODSON, Gordon, Charles**; 3853 Nutt Drive, Lewis Center, OH 43035 (US). **TAK-AGI, Kyozauro**; 1854 Baldwin Drive, Centerville, OH 45459 (US).

(74) **BEYER, James, E.**; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Center, Suite 500, One South Main Street, Dayton, OH 45402-2023 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E06B 9/00, E04H 9/14, E02B 3/10**

(11) **WO 02/40817** (13) A2

(21) PCT/EP01/13248

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 57 120.4 **16 Nov/nov 2000** DE
(**16.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • FLOOD PROTECTION SYSTEM

• SYSTÈME DE PROTECTION CONTRE LES INONDATIONS

(71) **STOCKHAUSEN GMBH & CO. KG** [DE/DE]; Bakerpfad 25, 47805 Krefeld (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSE, Ping-Hong** [DE/DE]; Schubertstr. 15, 47799 Krefeld (DE). **PELTZER,**

Klaus-Frank [DE/DE]; Wilhelmstr. 80, 47807 Krefeld (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E06B 9/00**

(11) **WO 02/40818** (13) A1

(21) PCT/GB01/04897

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) en (26) en

(30) 0028066.9 **16 Nov/nov 2000** GB
(**16.11.2000**)

(30) 0031041.7 **19 Dec/déc 2000** GB
(**19.12.2000**)

(30) 0102215.1 **29 Jan/jan 2001** GB
(**29.01.2001**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • FLOOD PROTECTION BARRIER

• BARRIERE DE PROTECTION CONTRE LES INONDATIONS

(71, 72) **JONES, Robert, Alexander** [GB/GB]; Dee View, Chester Road, Flint, North Wales CH6 5DT (GB). **JONES, Peter, Anthony** [GB/GB]; Sevenoaks, Coed Lllys, Bryn-y-Garreg, Flint Mountain, North Wales CH6 5QU (GB).

(74) **HAMILTON, Alistair**; Ty Eurgain, Cefn Eurgain Lane, Rhosesmor, Nr. Mold, Flintshire CH7 6PG (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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **E21B**

(11) **WO 02/40819** (13) A2

(21) PCT/AT01/00341

(22) **22 Oct/oct 2001 (22.10.2001)**

(25) de (26) de

(30) A 1915/2000 **14 Nov/nov 2000** AT
(**14.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR PRODUCING A BORE AND ADVANCING MACHINE FOR BORING

• PROCEDE DE REALISATION D'UN SONDAGE ET MACHINE DE CREUSEMENT CORRESPONDANTE

(71, 72) **PICHLER, Alois** [AT/AT]; Schwarzenberg 5, A-3341 Ybbsitz (AT).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E21B 4/14, 10/36**

(11) **WO 02/40820** (13) A1

(21) PCT/SE01/02452

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) en (26) en

(30) 09/712,221 **15 Nov/nov 2000** US
(**15.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PERCUSSIVE DOWN-THE-HOLE HAMMER FOR ROCK DRILLING, AND A DRILL BIT USED THEREIN

• MARTEAU PERFORATEUR PNEUMATIQUE DE FOND DE TROU POUR LE FORAGE DES ROCHES ET FORET UTILISE

(71) **SANDVIK AB; (publ)** [SE/SE]; S-811 81 Sandviken (SE).

(72) **BECCU, Rainer**; 6011 NW 105th Place, Alachua, FL 32615 (US).

(74) **CARLSSON, Lars-Åke**; Sandvik AB, Patent Department, S-811 81 Sandviken (SE).

(81) AU CA IN KR MX PL ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **E21B 17/01, 19/00, 19/15**

(11) **WO 02/40821** (13) A1

(21) PCT/NL01/00819

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) nl (26) en

(30) 1016610 **15 Nov/nov 2000** NL
(**15.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROTECTIVE ELEMENT FOR A RISER SEGMENT

• ELEMENT DE PROTECTION POUR SEGMENT DE TUBE ASCENSEUR

- (71) **LANKHORST RECYCLING B.V.** [NL/NL]; Prinsengracht 2, NL-8607 AD Sneek (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN BELKOM, Arnoldus** [NL/NL]; Lytse Buorren 3, NL-8843 KJ Spannum (NL). **ESSELBRUGGE, Martin** [NL/NL]; Zomermeeter 12, NL-8607 GX Sneek (NL).
- (74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E21B 17/02, 23/04, 17/06**
(11) **WO 02/40822** (13) A1
(21) PCT/US01/46945
(22) **8 Nov/nov 2001 (08.11.2001)**
(25) en (26) en
(30) 09/708,350 **8 Nov/nov 2000 US (08.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • SURFACE-ACTUATED RELEASE TOOL FOR SUBMERSIBLE PUMP ASSEMBLIES AND RELEASING METHOD
• OUTIL DE LIBERATION ACTIONNEE DEPUIS LA SURFACE POUR ENSEMBLES DE POMPAGE SUBMERSIBLES ET PROCEDE DE LIBERATION
- (71) **BAKER HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (72) **BEBAK, Kenneth, T.**; 6226 East 99 Street, Tulsa, Oklahoma 74137 (US). **MACK, John, J.**; 4211 E. 83rd Street, Tulsa, OK 74137 (US). **BROOKBANK, Earl, B.**; 1204 Douglas Drive, Claremore, OK 74017 (US). **COX, Don, C.**; 1560 Randol Mill, Roanoke, TX 76262 (US).
- (74) **CARSON, Matt** et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (81) BR CA GB NO.
- Published / Publiée : (c)
-
- (51)⁷ **E21B 17/10, 23/00, 34/10**
(11) **WO 02/40823** (13) A1
(21) PCT/GB01/05057
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 0028243.4 **20 Nov/nov 2000 GB (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • ADJUSTABLE STABILISER FOR DIRECTIONAL DRILLING
• STABILISATEUR REGLABLE POUR FORAGE DIRIGE
- (71) **TOOLBOX DRILLING SOLUTIONS LIMITED** [GB/GB]; 46 Richmondhill Place, Aberdeen AB15 5EP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RUSSELL, Mark, Alexander** [GB/GB]; Thorn House, Low Bradfield, Sheffield S61 1B (GB). **OLLERENSHAW, Andrew** [GB/GB]; 13 Dunkerley Road, Loxley, Sheffield S6 6RB (GB).
- (74) **LUNT, Mark, George, Francis**; Harrison Goddard Foote, Fountain Precinct, Leopold Street, Sheffield S1 2QD (GB) et al. / etc.
- (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E21B 25/00**
(11) **WO 02/40824** (13) A2
(21) PCT/US01/43768
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/712,473 **14 Nov/nov 2000 US (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • APPARATUS AND METHODS FOR SPONGE CORING
• DISPOSITIF ET PROCEDE DE CAROTTAGE AVEC CYLINDRES A PAROIS ABSORBANTES
- (71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).
- (72) **VAN PUUMBROECK, Luc**; 3826 Wildwood Valley Court, Kingwood, TX 77345 (US). **WILSON, Bob, T.**; P.O. Box 567, Dubai (AE). **STIBBE, Holger**; 8231 Shore Grove Drive, Humble, TX 77346 (US). **HATLOY, Hallvard, S.**; Andreesgt. 20, N-4016 Stavanger (NO).
- (74) **RIDDLE, J., Albert** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E21B 29/00, 43/10, B21D 39/10**
(11) **WO 02/40825** (13) A1
(21) PCT/GB01/05068
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 0028041.2 **17 Nov/nov 2000 GB (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • EXPANDER
• APPAREIL A ELARGIR LES TUBES
- (71) **WEATHERFORD/LAMB, INC.** [US/US]; c/o CSC, The United States Corporation Company, 1013 Centre Road, Willmington, DE 19805 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAWRENCE, Lewis** [GB/GB]; The Home Farm House, Kemnay, Aberdeenshire AB51 5LH (GB).
- (74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **E21B 37/06, 43/25, 33/138**
(11) **WO 02/40826** (13) A1
(21) PCT/GB01/05081
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) GB0028268.1 **20 Nov/nov 2000 GB (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • WELL TREATMENT PROCESS
• PROCEDE DE TRAITEMENT DE PUIT
- (71) **STATOIL ASA** [NO/NO]; Forusbeen 50, N-4035 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **COCKBAIN, Julian** [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).
(only for / seulement pour GB)
- (72, 75) **KOTLAR, Hans, Kristian** [NO/NO]; Statoil Asa, Forusbeen 50, N-4035 Stavanger (NO). **STELLE, Olav, Martin** [NO/NO]; Statoil Asa, Forusbeen 50, N-4035 Stavanger (NO). **AUNE, Oddvar, Arnfinn** [NO/NO]; Statoil Asa, Forusbeen 50, N-4035 Stavanger (NO). **KILAAS, Lars** [NO/NO]; Statoil Asa, Forusbeen 50, N-4035 Stavanger (NO). **DYRLI, Anne, Dalager** [NO/NO]; Statoil Asa, Forusbeen 50, N-4035 Stavanger (NO).

- (74) **COCKBAIN, Julian, Dr.**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E21B 37/06, 43/25, 33/138**
- (11) **WO 02/40827** (13) A1
- (21) PCT/GB01/05087
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 0028264.0 **20 Nov/nov 2000 (20.11.2000)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● WELL TREATMENT
● TRAITEMENT D'UN PUIT
- (71) **STATOIL ASA** [NO/NO]; Forusbeen 50, N-4035 Stavanger (NO).
(only for / seulement pour US)
- (71) **COCKBAIN, Julian** [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).
(only for / seulement pour GB)
- (72, 75) **KOTLAR, Hans, Kristian** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (NO). **SELLE, Olav, Martin** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (NO). **AUNE, Oddvar, Arnfinn** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (NO). **KILAAS, Lars** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (NO). **DYRLI, Anne, Dalager** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (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 AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E21B 43/00**
- (11) **WO 02/40829** (13) A1
- (21) PCT/US01/43429
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/716,849 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● TRANSDUCER RECEIVING VOLTAGE INPUTS RICH IN HARMONICS, SUCH AS SQUARE WAVES
● TRANSDUCTEUR RECEVANT DES TENSIONS D'ENTREE RICHES EN HARMONIQUES, TELLES QUE DES ONDES CARREES
- (71) **STATOIL ASA** [NO/NO]; Forusbeen 50, N-4035 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **COCKBAIN, Julian** [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).
(only for / seulement pour GB)
- (72, 75) **KOTLAR, Hans, Kristian** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (NO). **SELLE, Olav, Martin** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (NO). **AUNE, Oddvar, Arnfinn** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (NO). **KILAAS, Lars** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (NO). **DYRLI, Anne, Dalager** [NO/NO]; Statoil ASA, Forusbeen 50, N-4035 Stavanger (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 AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (71) **PIEZO SONA-TOOL CORPORATION** [US/US]; 2734 Johnson Drive, Suites E & F, Ventura, CA 93003 (US).
- (72) **KOMPANEK, Harry, W.**; 153 Rametto Road, Santa Barbara, CA 93108 (US).
- (74) **PARKHURST, David, G.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ **E21B 43/116**
- (11) **WO 02/40830** (13) A1
- (21) PCT/US01/44966
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,810 **15 Nov/nov 2000 (15.11.2000)** US
- (30) Not furnished / non communiqué **15 Nov/nov 2001 (15.11.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● FULL BORE AUTOMATIC GUN RELEASE MODULE
● MODULE DE LIBERATION DE PERFORATEUR A BALLES AUTOMATIQUE A PASSAGE INTEGRAL
- (71) **BAKER HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (72) **MEYERS, William, D.**; 18034 Bambriar, Houston, TX 77090 (US). **ROSS, Colby, W.**; 2800 Hirschfield, Apt. 141, Spring, TX 77373 (US).
- (74) **SPRINGS, Darryl, M.** et al. / etc.; Baker Hughes Incorporated, Suite 700, 3900 Essex Lane, Houston, TX 77027 (US).
- (81) AU CA GB ID NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AU CA GB ID NO EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(t) for all designations / pour toutes les désignations
-
- (51)⁷ **E21F 11/00, A62C 3/02**
- (11) **WO 02/40831** (13) A1
- (21) PCT/EP01/12418

- (22) **25 Oct/oct 2001 (25.10.2001)**
 (25) de (26) de
 (30) 100 56 269.8 **14 Nov/nov 2000 DE (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • ARRANGEMENT FOR EXTINGUISHING TUNNEL FIRES
 • INSTALLATION D'EXTINCTION D'INCENDIES DE TUNNEL
 (71) **TUNSEC SICHERHEITSTECHNIK GMBH** [AT/AT]; Reischweg 61, A-5071 Wals (AT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SEITLINGER, Günter** [AT/AT]; Buchenländerstr. 13, A-5020 Salzburg (AT).
 (74) **HAFT, v. PUTKAMER, BERNGRUBER, CZYBULKA**; Franziskanerstrasse 38, 81669 München (DE).
 (81) JP NO US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ F01D 17/16, 9/02

- (11) **WO 02/40832** (13) A1
 (21) PCT/SE01/02057
 (22) **25 Sep/sep 2001 (25.09.2001)**
 (25) sv (26) en
 (30) 0004215-0 **15 Nov/nov 2000 SE (15.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • GAS TURBINE STATOR
 • STATOR DE TURBINE A GAZ
 (71) **VOLVO AERO CORPORATION** [SE/SE]; S-461 81 Trollhättan (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **JÖNSSON, Bertil** [SE/SE]; Amiralssvägen 71, S-237 32 Bjärred (SE).
 (74) **FRÖHLING, Werner**; Volvo Technological Development Corporation, Patent Department, CTP, 06820, S-412 88 Göteborg (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01L 1/22

- (11) **WO 02/40833** (13) A1
 (21) PCT/EP01/12157
 (22) **22 Oct/oct 2001 (22.10.2001)**
 (25) de (26) de
 (30) 100 56 423.2 **14 Nov/nov 2000 DE (14.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
 (54) • MECHANICAL VALVE PLAY COMPENSATION ELEMENT FOR A VALVE DRIVE ON A PISTON COMBUSTION ENGINE
 • ELEMENT DE COMPENSATION MECANIQUE DU JEU DE SOUPAPES D'UN MECANISME DE COMMANDE DES SOUPAPES D'UN MOTEUR A COMBUSTION INTERNE A PISTON
 (71) **FEV MOTORENTECHNIK GMBH** [DE/DE]; Neuenhofstrasse 181, 52078 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DUESMANN, Markus** [DE/DE]; Herzogstrasse 26, 52222 Stolberg (DE).
 (74) **MAXTON & LANGMAACK**; Postfach 51 08 06, 50944 Köln (DE).
 (81) DE JP US.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F01L 9/04

- (11) **WO 02/40834** (13) A1
 (21) PCT/EP01/12229
 (22) **23 Oct/oct 2001 (23.10.2001)**
 (25) de (26) de
 (30) 100 56 572.7 **15 Nov/nov 2000 DE (15.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • INTERNAL COMBUSTION ENGINE COMPRISING AN ELECTROMAGNETIC ACTUATOR WHICH IS SITUATED ON A CYLINDER HEAD
 • MOTEUR A COMBUSTION INTERNE COMPRENANT UN ACTIONNEUR ELECTROMAGNETIQUE PLACE SUR UNE CULASSE
 (71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Patentabteilung AJ-3, Petuelring 130, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DONNER, Andreas** [DE/DE]; Alexander-Gerbig-Str. 7, 98527 Suhl (DE).
KELLERMANN, Helmut [DE/DE]; Bernd-Isemann-Weg 9, 85764 Oberschleissheim (DE).
DENTELER, Johannes [DE/DE]; St.-Margarethen-Str. 2, 85367 Moosburg-Pfornbach (DE).
MEYER, Johannes [DE/DE]; Hagebottenweg 9, 85757 Karlsfeld (DE).
 (74) **WESEL-MAIR, Julia** et al. / etc.; BMW AG, Patentabteilung AJ-3, 80788 München (DE).
 (81) JP US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F01N

- (11) **WO 02/40835** (13) A2
 (21) PCT/US01/46078
 (22) **23 Oct/oct 2001 (23.10.2001)**
 (25) en (26) en
 (30) 09/694,622 **23 Oct/oct 2000 US (23.10.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
 (54) • POLLUTION CONTROL DEVICE
 • DISPOSITIF ANTIPOLLUTION
 (71) **PIONEER INDUSTRIAL TECHNOLOGIES, INC.** [US/US]; 8300 National Highway, Pennsauken, NJ 08110 (US).
 (72) **BIANCO, Edward, Domenic**; 258 Saint David Drive, Mt. Laurel, NJ 08054 (US).
KLIN, Michael, A.; 1725 Gibson Road, Bensalem, PA 19020 (US).
 (74) **POWERS, Joseph, A.**; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103-7396 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 3/02

- (11) **WO 02/40836** (13) A1
 (21) PCT/JP01/08115
 (22) **18 Sep/sep 2001 (18.09.2001)**
 (25) ja (26) ja
 (30) 2000-350587 **17 Nov/nov 2000 JP (17.11.2000)**
 (30) 2001-219667 **19 Jul/juil 2001 JP (19.07.2001)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • EXHAUST EMISSION CONTROL DEVICE AND METHOD OF CONTROLLING EXHAUST EMISSION
 • PROCEDE ET DISPOSITIF DE REGULATION DES EMISSIONS DE GAZ D'ECHAPPEMENT
 (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) **KATO, Zenichiro** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
YANAGIHARA, Hiromichi [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
SUGIYAMA, Toshihisa [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
HENDA, Yoshimitsu [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
SHIRATANI, Kazuhiko [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
KUROKI, Rentaro [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
 (74) **IGARASHI, Takao** et al. / etc.; Mitsui-Sumitomo Bank Bldg. 7th Floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).(51)⁷ F01N 3/28, B01J 35/08

(11) WO 02/40837 (13) A1

(21) PCT/DE01/04363

(22) 17 Nov/nov 2001 (17.11.2001)

(25) de (26) de

(30) 100 58 580.9 18 Nov/nov 2000 DE
(18.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR AF-
TERTREATMENT OF EXHAUST
GASES FROM COMBUSTION EN-
GINES• DISPOSITIF ET PROCEDE POUR RE-
TRAITER DES GAZ D'ECHAPPE-
MENT DE MACHINES A COMBUS-
TION INTERNE(71) FRAUNHOFER-GESELLSCHAFT ZUR
FÖRDERUNG DER ANGEWANDTEN
FORSCHUNG E.V. [DE/DE]; Leon-
rodstrasse 54, 80636 München (DE).
HOCHSCHULE FÜR TECHNIK UND
WIRTSCHAFT DRESDEN (FH) [DE/DE];
Friedrich-List-Platz 1, 01069 Dresden (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) STEPHANI, Günter [DE/DE]; Son-
nenblick 7, 01454 Grosserkmannsdorf (DE).
ANDERSEN, Olaf [DE/DE]; Fichtenstrasse
1, 01097 Dresden (DE). ZIKORIDSE,
Gennadi [GE/DE]; Schweizer Strasse 19,
01069 Dresden (DE). BACH, Ernstwen-
delin [DE/DE]; Boxberger Strasse 22, 01239
Dresden (DE). BRETSCHNEIDER, Frank
[DE/DE]; An den Folgen 15, 01465 Lie-
gau-Augustusbad (DE).(74) PFENNING, MEINIG & PARTNER
GBR; Gostritzer Strasse 61-63, 01217 Dres-
den (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ 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 PL PT RO RU SD SE SG SI
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 CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

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(51)⁷ F01N 3/28, 3/20

(11) WO 02/40838 (13) A1

(21) PCT/EP01/12313

(22) 25 Oct/oct 2001 (25.10.2001)

(25) de (26) de

(30) 100 56 279.5 14 Nov/nov 2000 DE
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • RADIALLY CROSS-FLOWABLE SEG-
MENTED HONEYCOMB BODIES• CORPUS A STRUCTURE EN NID
D'ABEILLES SEGMENTE ET POU-
VANT ETRE PARCOURU DE MA-
NIERE RADIALE(71) EMITEC GESELLSCHAFT FÜR EMIS-
SIONSTECHNOLOGIE MBH [DE/DE];
Hauptstrasse 50, 53797 Lohmar (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BRÜCK, Rolf [DE/DE]; Fröbel-
strasse 12, 51429 Bergisch Gladbach (DE).
ZIMMERMANN, Jörg [DE/DE]; Her-
mannstrasse 90, 53225 Bonn (DE).(74) KAHLHÖFER, Hermann; Kahlhöfer Neu-
mann Heilein, Karlstrasse 76, 40210 Düssel-
dorf (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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F01N 7/08, 3/28, 3/24, B01J 35/04

(11) WO 02/40839 (13) A1

(21) PCT/SE01/02337

(22) 25 Oct/oct 2001 (25.10.2001)

(25) sv (26) en

(30) 0003928-9 27 Oct/oct 2000 SE
(27.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • INSERT FOR AN EXHAUST GAS
CHANNEL• PIÈCE RAPPORTÉE POUR UNE CANA-
LISATION DE GAZ D'ÉCHAPPEMENT(71) SANDVIK AB [SE/SE]; S-811 81 SAND-
VIKEN (SE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LEWIN, Thomas [SE/SE]; Bergslagsvä-
gen 227 B, S-734 40 HALLSTAHAMMAR
(SE). LÖVGREN, Hans [SE/SE]; Idunsvä-
gen 8, S-734 36 HALLSTAHAMMAR (SE).(74) ÖRTENBLAD, Bertil et al. / etc.; Noréns
Patentbyrå AB, Box 10198, S-100 55 Stock-
holm (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 ES FI GB GD GE GH GM
HR HU ID 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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ F02B 1/12, F02D 33/02, 37/02

(11) WO 02/40840 (13) A1

(21) PCT/FR01/03463

(22) 8 Nov/nov 2001 (08.11.2001)

(25) fr (26) fr

(30) 00/14714 15 Nov/nov 2000 FR
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR CON-
TROLLING THE OPERATION OF A
SELF-IGNITION INTERNAL COM-
BUSTION ENGINE• PROCEDE ET DISPOSITIF DE COM-
MANDE DU FONCTIONNEMENT
D'UN MOTEUR A COMBUSTION IN-
TERNE A AUTO-ALLUMAGE(71) JOHNSON CONTROLS AUTOMOTIVE
ELECTRONICS [FR/FR]; 18, Chaussée
Jules César, F-95520 Osny (FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NICOLE, Eric [FR/FR]; 80, avenue
Galiéni, F-93800 Epinay Sur Eine (FR).
DOREAU, Jean [FR/FR]; 14, avenue Pierre
Peineau, F-95450 Vigny (FR).(74) GORREE, Jean-Michel et al. / etc.; Cabinet
Plasseraud, 84, rue d'Amsterdam, F-75440
Paris Cedex 9 (FR).

(81) JP US.

Declaration / Déclaration :
(u) for / pour US only / seulement(51)⁷ F02B 15/00, 3/12, 23/00

(11) WO 02/40841 (13) A1

(21) PCT/US01/29973

(22) 26 Sep/sep 2001 (26.09.2001)

(25) en (26) en

(30) 60/248,204 15 Nov/nov 2000 US
(15.11.2000)(30) 09/949,896 12 Sep/sep 2001 US
(12.09.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SIDE VALVE ARRANGEMENT FOR
AN INTERNAL COMBUSTION EN-
GINE• AGENCEMENT DE SOUPAPES LATE-
RALES POUR UN MOTEUR A COM-
BUSTION INTERNE(71) XRDI, INC. [US/US]; 103 INDUSTRIAL
ROAD, BEAUFORD, SC 29906 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BLAIR, Gordon [GB/GB]; #9 BEN
MADIGAN PARK SOUTH, BELFAST,
Antrim BT367PX (GB).(74) ACKERMAN, William; CROWELL &
MORING, LLP, P.O. Box 14300, Washing-
ton, DC 20044-4300 (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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) **F02B 63/00**

(11) **WO 02/40842** (13) A1

(21) PCT/MX00/00043

(22) **6 Nov/nov 2000 (06.11.2000)**

(25) es (26) es

(43) 23 May/mai 2002 (23.05.2002)

(54) • TRANSMISSION FOR AN ELECTRIC, PNEUMATIC AND HYDRAULIC GENERATOR

• TRANSMISSION POUR GENERATEUR ELECTRIQUE, PNEUMATIQUE ET HYDRAULIQUE

(71) **MARTONE ANSALONI, Carlo** [IT/MX]; Avenida del Campestre No. 336, Club Campestre de Querétaro, Querétaro, Querétaro 76000 (MX).

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

(72, 75) **SANCHEZ OLGUIN, Homar** [MX/MX]; Calle Epigmeneo González No. 509, Departamento A-10, Conjunto Parques, Querétaro, Querétaro 76130 (MX). **MUÑEZ SOLIS, Alvaro** [MX/MX]; Calle Epigmeneo González No. 509, Departamento A-10, Conjunto Parques, Querétaro, Querétaro 76130 (MX).

(74) **CHAMLATI SALEM, Héctor** et al. / etc.; Villegas, Cassis y Asociados, S.C., Montes Urales No. 723-2° Piso, Colonia Lomas de Chapultepec, Mexico, D.F. 11000 (MX).

(81) AU BR CA CN IL IN JP KR MX NZ RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **F02B 71/04**

(11) **WO 02/40843** (13) A1

(21) PCT/FI01/00993

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) fi (26) en

(30) 20002535 **20 Nov/nov 2000 (20.11.2000)** FI

(43) 23 May/mai 2002 (23.05.2002)

(54) • TWO-STROKE ENGINE

• MOTEUR A DEUX TEMPS

(71, 72) **LARJOLA, Jaakko** [FI/FI]; Rauhalantien 20, FIN-52700 Mäntyharju (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

(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 FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F02C 9/18, 9/52**

(11) **WO 02/40844** (13) A2

(21) PCT/US01/45558

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/248,292 **14 Nov/nov 2000 (14.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR TURBOGENERATOR ANTI-SURGE CONTROL

• PROCEDE ET APPAREIL PERMETTANT LA COMMANDE ANTI-POMPAGE D'UNE TURBO-GENERATRICE

(71) **CAPSTONE TURBINE CORPORATION** [US/US]; 21211 Nordhoff Street, Chatsworth, CA 91311 (US).

(72) **ROUSE, Gregory, C.**; 21211 Nordhoff Street, Chatsworth, CA 91311 (US). **GILBRETH, Mark, G.**; 21211 Nordhoff Street, Chatsworth, CA 91311 (US). **DEMORE, Daniel**; 21211 Nordhoff Street, Chatsworth, CA 91311 (US). **TREECE, William**; 21211 Nordhoff Street, Chatsworth, CA 91311 (US).

(74) **POPA, Robert** et al. / etc.; Irell & Manella LLP, Suite 900, 1800 Avenue of the Stars, Los Angeles, CA 90067-4276 (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 FR GB GR IE IT LU MC NL PT SE 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 BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE 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 BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **F02D**

(11) **WO 02/40845** (13) A2

(21) PCT/US01/46758

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 2,326,299 **17 Nov/nov 2000 (17.11.2000)** CA

(30) 09/773,072 **31 Jan/jan 2001 (31.01.2001)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR SUPPLYING AUXILIARY POWER TO A LARGE DIESEL ENGINE

• SYSTEME ET PROCEDE D'ALIMENTATION AUXILIAIRE D'UN MOTEUR DIESEL DE GRANDE DIMENSION

(71) **CSXT INTELLECTUAL PROPERTIES CORPORATION** [US/US]; 500 Water Street, Jacksonville, FL 32202 (US).

(72) **BIESS, Lawrence, J.**; 12848 Otter Lake Court West, Jacksonville, FL 32246 (US). **GOTMARM, Christer**; 147 Eagle Drive, Sault Ste Marie, Ontario P6B 6C7 (CA).

(74) **MAYNARD, Jeffrey, C.**; Draughton Professional Association, One Independent Drive, Suite 2000, Jacksonville, FL 32202 (US).

(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 FR GB GR IE IT LU MC NL PT SE 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE 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 BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE 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 BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE 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 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 NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **F02D 9/10, 11/10, F02M 35/10**

(11) **WO 02/40846** (13) A1

(21) PCT/JP00/08145

(22) **17 Nov/nov 2000 (17.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) ● INTAKE MODULE, MEMBERS OF THE MODULE, AND ELECTRONIC CONTROLLED THROTTLE DEVICE FOR INTERNAL COMBUSTION ENGINE

● MODULE D'ADMISSION, ELEMENTS DU MODULE ET DISPOSITIF ETRANGLEUR A COMMANDE ELECTRONIQUE POUR MOTEUR A COMBUSTION INTERNE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

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

(72, 75) **KUWANO, Morio** [JP/JP]; Automotive Products of Hitachi, Ltd., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).
NIITSUMA, Shigeto [JP/JP]; Automotive Products of Hitachi, Ltd., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).
NISHIMURA, Mitsunori [JP/JP]; Automotive Products of Hitachi, Ltd., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).

(74) **TAKADA, Yukihiko** et al. / etc.; 1-48, Saiwai-cho 2-chome, Hitachi-shi, Ibaraki 317-0073 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **F02D 41/00**

(11) **WO 02/40847** (13) A2

(21) PCT/DE01/04313

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 56 862.9 **16 Nov/nov 2000 DE (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR INJECTING FUEL DURING THE STARTING PHASE OF AN INTERNAL COMBUSTION ENGINE

● PROCEDE POUR INJECTER DU CARBURANT PENDANT LA PHASE DE DEMARRAGE D'UN MOTEUR A COMBUSTION INTERNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **BAYERLE, Klaus** [DE/DE]; Hoe-flinger Ring 34, 93083 Obertraubling (DE).
SCHÜLE, Harry [DE/DE]; Am Wanderweg 19, 92431 Neunburg v. Wald (DE).
GESSNER, Steffen [DE/DE]; Schwabelweiser Weg 4, 93059 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) (u) for / pour US only / seulement

(51)⁷ **F02D 41/06, 41/36, 41/40**

(11) **WO 02/40848** (13) A1

(21) PCT/DE01/04285

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 56 863.7 **16 Nov/nov 2000 DE (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR INJECTING FUEL DURING THE START PHASE OF AN INTERNAL COMBUSTION ENGINE

● PROCEDE D'INJECTION DE CARBURANT PENDANT LA PHASE DE DEMARRAGE D'UN MOTEUR A COMBUSTION INTERNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **SCHÜLE, Harry** [DE/DE]; Am Wanderweg 19, 92431 Neunburg v. Wald (DE).
BAYERLE, Klaus [DE/DE]; Hoe-flinger Ring 34, 93083 Obertraubling (DE).
ZHANG, Hong [CN/DE]; Spitzweg Str. 16, 93105 Tegernheim (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) (u) for / pour US only / seulement

(51)⁷ **F02D 41/14, G01M 15/00**

(11) **WO 02/40849** (13) A1

(21) PCT/DE01/04225

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) de (26) de

(30) 101 56 357.0 **14 Nov/nov 2000 DE (14.11.2000)**

(30) 101 51 291.0 **22 Oct/oct 2001 DE (22.10.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● EXHAUST GAS SENSOR

● DETECTEUR DE GAZ D'ECHAPPEMENT

(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) **WEYL, Helmut** [DE/DE]; Peter V Koblenz 34, 71701 Schwieberdingen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **F02F 1/00, F16J 1/00, F02B 77/02, C23C 4/02**

(11) **WO 02/40850** (13) A1

(21) PCT/JP01/09916

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 2000-350056 **16 Nov/nov 2000 JP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PRESPRAY PROCESSED CYLINDER INSIDE AND CYLINDER INSIDE PRES-PRAY PROCESSING METHOD

● INTERIEUR DE CYLINDRE TRAITÉ PAR PREPULVERISATION ET PROCEDE DE TRAITEMENT PAR PREPULVERISATION CORRESPONDANT

(71) **NISSAN MOTOR CO.,LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).

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

(72, 75) **TAKAHASHI, Hideo** [JP/JP]; 29-25-304, Rokkakubashi 6-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0802 (JP).
CHUUBACHI, Minoru [JP/JP]; 13-49, Nakao 1-chome, Asahi-ku, Yokohama-shi, Kanagawa 241-0815 (JP).
HASEGAWA, Kiyoshi [JP/JP]; 28-E907, Deiki 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0021 (JP).

(74) **MIYOSHI, Hidekazu** et al. / etc.; 9th Floor, Toranomom Daiichi Building, 2-3, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ **F02M 9/06**

(11) **WO 02/40851** (13) A1

(21) PCT/US01/44282

(22) **5 Nov/nov 2001 (05.11.2001)**

(25) en (26) en

(30) 60/249,554 **17 Nov/nov 2000 US (17.11.2000)**

(30) 09/975,602 **10 Oct/oct 2001 US (10.10.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● FUEL-AIR MIXER

● MELANGEUR AIR-CARBURANT

(71) **KLEENAIR SYSTEMS, INC.** [US/US]; 1370 S. Acasia Avenue, Fullerton, CA 92731 (US).

(72) **ZABSKY, John, M.**; 3640-C South Main Street, Santa Ana, CA 92707 (US).

(74) **ROSEN, Leon, D.**; Freilich, Hornbaker & Rosen, Suite 1220, 10960 Wilshire Boulevard, Los Angeles, CA 90024 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ F02M 27/00

(11) WO 02/40852 (13) A1

(21) PCT/KR00/01335

(22) 20 Nov/nov 2000 (20.11.2000)

(25) ko (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR ACTIVATING A FUEL

- DISPOSITIF POUR L'ACTIVATION
D'UN CARBURANT

(71, 72) **SEO, Su-Bong** [KR/KR]; 282-2, Chogyo
Dong, Youngchon 770-120 (KR).

(74) **KOO, Seong-Jin**; 1436-2, Sungam Bldg
304, Oncheon 2 Dong, Dongrae Gu, Pusan
607-062 (KR).

(81) AE AM AT AU AZ BA BG BR BY CA CH
CN CR CU CZ DE DK DM DZ EE ES FI GB
GD HR HU ID IL IN IS JP KE KG KP KR
KZ LK LT LU LV MA MD MK MN MX MZ
NO NZ PL PT RO RU SE SG SI SK TJ TM
TR TT TZ UA US UZ VN YU ZA ZW.

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

(51)⁷ F02M 31/04, F02D 13/02

(11) WO 02/40853 (13) A1

(21) PCT/FR01/03492

(22) 9 Nov/nov 2001 (09.11.2001)

(25) fr (26) fr

(30) 00/14713 15 Nov/nov 2000 FR
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR CON-
TROLLING THE TEMPERATURE OF
AN AIR MASS INTO AN INTERNAL
COMBUSTION ENGINE AND ENGINE
USING SAID METHOD

- PROCEDE DE REGULATION DE LA
TEMPERATURE DE LA MASSE D'AIR
ADMISE DANS UN CYLINDRE D'UN
MOTEUR A COMBUSTION INTERNE
ET MOTEUR METTANT EN OEUVRE
CE PROCEDE

(71) **JOHNSON CONTROLS AUTOMOTIVE
ELECTRONICS** [FR/FR]; 18, Chaussée
Jules César, F-95520 Osny (FR).

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

(72, 75) **NICOLE, Eric** [FR/FR]; 80, avenue
Galiéni, F-93800 Epinay sur Eine (FR).
DOREAU, Jean [FR/FR]; 14, avenue Pierre
Peineau, F-95450 Vigny (FR).

(74) **GORREE, Jean-Michel** et al. / etc.; Cabinet
Plasseraud, 84, rue d'Amsterdam, F-75440
Paris Cedex 09 (FR).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (a)

(51)⁷ F02M 47/00, 47/02, 61/10, 61/20

(11) WO 02/40854 (13) A1

(21) PCT/JP00/08137

(22) 17 Nov/nov 2000 (17.11.2000)

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • NEEDLE LIFT DAMPER DEVICE
OF INJECTOR FOR FUEL INJEC-
TION AND NEEDLE LIFT DAMPING
METHOD

- DISPOSITIF AMORTISSEUR DE LE-
VEE DE POINTEAU POUR INJEC-
TEUR DE CARBURANT ET PROCEDE
D'AMORTISSEMENT DE LEVEE DE
POINTEAU

(71) **ISUZU MOTORS LIMITED** [JP/JP]; 26-1,
Minami-Ohi 6-chome, Shinagawa-ku, Tokyo
140-0013 (JP). **DELPHI TECHNOLO-
GIES, INC.** [US/US]; P.O. Box 5052, Troy,
MI 48077 (US).

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

(72, 75) **NISHIMURA, Terukazu** [JP/JP]; Isuzu
Advanced Engineering Center, Ltd, 8, Tsuchi-
dana, Fujisawa-shi, Kanagawa 252-0806 (JP).
MINATO, Akihiko [JP/JP]; Isuzu Advanced
Engineering Center, Ltd, 8, Tsuchidana,
Fujisawa-shi, Kanagawa 252-0806 (JP).
TAKASE, Shigehisa [JP/JP]; Isuzu Ad-
vanced Engineering Center, Ltd, 8, Tsuchi-
dana, Fujisawa-shi, Kanagawa 252-0806
(JP). **FUJITA, Mahoro** [JP/JP]; 1332-26,
Sayama 2-chome, Higashi-Yamato-shi,
Tokyo 207-0003 (JP). **BREITBACH, Her-
mann** [LU/LU]; 31, rue de Weiler, Crauthem
L-3328 (LU).

(74) **KINUTANI, Nobuo**; Nishishimbashi-JK-
Building, 15-12, Nishishimbashi 3-chome,
Minato-ku, Tokyo 105-0003 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ F02M 47/02, 59/46

(11) WO 02/40855 (13) A1

(21) PCT/CH01/00634

(22) 25 Oct/oct 2001 (25.10.2001)

(25) de (26) de

(30) 2243/00 17 Nov/nov 2000 CH
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • FUEL-INJECTION VALVE FOR INTER-
NAL COMBUSTION ENGINES

- SOUPEPE D'INJECTION DE CARBU-
RANT DESTINEE A DES MOTEURS A
COMBUSTION INTERNE

(71) **CRT COMMON RAIL TECHNOLO-
GIES AG** [CH/CH]; Industrieplatz 1,
CH-8212 Neuhausen (CH).

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

(72, 75) **GANSER, Marco, A.** [CH/CH];
Schanzengasse 29, CH-8001 Zürich (CH).

KERN, Severin [CH/CH]; Am Bach 68,
CH-8400 Winterthur (CH).

(74) **SCHAAD BALASS MENZL & PART-
NER AG**; Dufourstrasse 101, Postfach,
CH-8034 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 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 PH PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ F02M 51/04, 69/00, 57/02

(11) WO 02/40856 (13) A1

(21) PCT/JP01/09771

(22) 8 Nov/nov 2001 (08.11.2001)

(25) ja (26) ja

(30) 2000-351504 17 Nov/nov 2000 JP
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ELECTRONIC CONTROL FUEL INJEC-
TION DEVICE

- DISPOSITIF D'INJECTION DE CAR-
BURANT A COMMANDE ELECTRO-
NIQUE

(71) **MIKUNI CORPORATION** [JP/JP]; 13-11,
Sotokanda 6-chome, Chiyoda-ku, Tokyo 101-
0021 (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
250-0055 (JP). **EHARA, Ryoji** [JP/JP];
c/o MIKUNI CORPORATION Odawara
Branch, 2480, Kuno, Odawara-shi, Kanagawa
250-0055 (JP). **MIZUI, Hiroshi** [JP/JP];
c/o MIKUNI CORPORATION Odawara
Branch, 2480, Kuno, Odawara-shi, Kana-
gawa 250-0055 (JP). **NICHOUGI, Tadashi**
[JP/JP]; c/o MIKUNI CORPORATION
Odawara Branch, 2480, Kuno, Odawara-shi,
Kanagawa 250-0055 (JP). **TAKAHASHI,
Junichiro** [JP/JP]; c/o MIKUNI CORPO-
RATION Odawara Branch, 2480, Kuno,
Odawara-shi, Kanagawa 250-0055 (JP).

(81) CN IN KR US.

(84) EP (DE FR GB IT).

(51)⁷ F02M 55/02, 59/34

(11) WO 02/40857 (13) A2

(21) PCT/DE01/04317

(22) 16 Nov/nov 2001 (16.11.2001)

(25) de (26) de

(30) 100 57 244.8 18 Nov/nov 2000 DE
(18.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • FUEL INJECTION SYSTEM FOR IN-
TERNAL COMBUSTION ENGINES
EXHIBITING IMPROVED START BE-
HAVIOR

- INSTALLATION D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE A COMPLEMENT AU DEMARRAGE AMELIORE
- (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) **SCHUELER, Peter** [DE/DE]; Uhlandstr. 8/1, 71229 Leonberg (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **F02M 59/46, 47/02, 51/06**
- (11) **WO 02/40858** (13) A1
- (21) PCT/DE01/04286
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 57 495.5 **20 Nov/nov 2000 DE (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • INJECTOR HOUSING WITH AN ACTUATOR AND INTERMEDIATE DAMPING DISC
- CARTER D'INJECTEUR POUR VU D'UNE UNITE D'ACTIONNEMENT AVEC RONDELLE D'AMORTISSEMENT INTERMEDIAIRE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VU, Ngoc-Tam** [DE/DE]; Flattichstr. 55, 71642 Ludwigsburg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) JP KR US.
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : JP KR EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(u) for / pour US only / seulement
-
- (51)⁷ **F02P**
- (11) **WO 02/40859** (13) A2
- (21) PCT/US01/43632
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,156 **16 Nov/nov 2000 US (16.11.2000)**
- (30) 09/992,918 **16 Nov/nov 2001 US (16.11.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR GENERATING A RIGHT TORSION FIELD
- SYSTEME ET PROCEDE PERMETTANT DE GENERER UN CHAMP DE TORSION DROIT
- (71) **ALPHA-E, L.L.C.** [US/US]; 570 Lake Cook Road, Suite 318, Deerfield, IL 60015 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAVLENKO, Anatoliy, R.** [UA/UA]; 127 Prospect Pobedi, Apt. 85, Kiev, 179/03179 (UA). **PAVLENKO, Olexander, A.** [UA/UA]; 127 Prospect Pobedi, Apt. 85, Kiev, 179/03179 (UA).
- (74) **SAITO, Marina, N.** et al. / etc.; P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F03B**
- (11) **WO 02/40861** (13) A2
- (21) PCT/US01/47611
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) en (26) en
- (30) 60/249,493 **17 Nov/nov 2000 US (17.11.2000)**
- (30) 09/872,690 **31 May/mai 2001 US (31.05.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FLUID-POWERED ENERGY CONVERSION DEVICE
- DISPOSITIF DE CONVERSION D'ENERGIE HYDRAULIQUE
- (71, 72) **MCDONALD, William, K., Jr.** [US/US]; 5665 Ward Lane, Wilson, WY 83014 (US).
- (74) **SMITH, Steven, W.**; Smith, Danamraj & Youst, P.C., Suite 1200, LB-15, 12900 Preston Road, Dallas, TX 75230-1328 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F03D 7/02**
- (11) **WO 02/40862** (13) A1
- (21) PCT/EP01/10388
- (22) **8 Sep/sep 2001 (08.09.2001)**
- (25) de (26) de
- (30) 100 56 424.0 **14 Nov/nov 2000 DE (14.11.2000)**
- (30) 101 16 011.9 **30 Mar/mar 2001 DE (30.03.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • WIND ENERGY TURBINE
- EOLIENNE
- (71, 72) **WOBLEN, Aloys** [DE/DE]; Argestrass 19, D-26607 Aurich (DE).
- (74) **GÖKEN, Klaus, G.**; Eisenführ, Speiser and Partner, Martinistrasse 24, D-28195 Bremen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F04B**
- (11) **WO 02/40863** (13) A2
- (21) PCT/US01/43866
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,314 **16 Nov/nov 2000 US (16.11.2000)**

(30) Not furnished / 16 Nov/nov 2001 US
non communiqué (16.11.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PUMP AND DIAPHRAGM FOR USE
THEREIN

• POMPE ET DIAPHRAGME ASSOCIE

(71) **SHURFLO PUMP MANUFACTURING
COMPANY, INC.** [US/US]; 12650 West-
minster Avenue, Santa Ana, CA 92706 (US).

(72) **PAOLINI, Louis, J.**; 1781 Kellogg Street,
Corona, CA 91719 (US). **PASCUAL,
Joseph, A.**; 24266 Sparrow Street, Lake
Forest, CA 92638 (US). **DINH, Jonathan**;
Orange, CA (US).

(74) **FELLOWS, Gerald, L.** et al. / etc.; Michael
Best & Friedrich LLP, Suite 3300, 100 East
Wisconsin Avenue, Milwaukee, WI 53202-
4108 (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 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 PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ **F04B 7/06, 49/12**

(11) **WO 02/40864** (13) A1

(21) PCT/EP01/13210

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 56 630.8 **15 Nov/nov 2000 DE
(15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • PISTON PUMP

• POMPE A PISTON

(71) **GIMELLI PRODUKTIONS AG** [CH/CH];
Webergutstrasse 5, CH-3052 Zollikofen
(CH).

(72) **SCHÜTZ, Alfred**; Bernstrasse 107,
CH-3052 Zollikofen (CH).

(74) **SCHLAGWEIN, Udo**; Frankfurter Strasse
34, 61231 Bad Nauheim (DE).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID 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 SK (Utility
model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);

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

Published / Publiée : (c)

(51)⁷ **F04B 19/10, G01F 11/10**

(11) **WO 02/40865** (13) A1

(21) PCT/GB01/05025

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 0028181.6 **17 Nov/nov 2000 GB
(17.11.2000)**

(30) 0104310.8 **22 Feb/fév 2001 GB
(22.02.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • FLUID DISPENSING APPARATUS

• DISTRIBUTEUR DE LIQUIDE

(71, 72) **DADSWELL, John** [GB/GB]; Ceunant
Cottage Farm, Clarbeston Road, New Moat,
Pembrokeshire SA63 45B (GB).

(74) **GIBSON, Stewart, Harry**; Urquhart-Dykes
& Lord, Three Trinity Court, 21-27 Newport
Road, Cardiff CF24 0AA (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F04B 27/08**

(11) **WO 02/40866** (13) A1

(21) PCT/JP00/08083

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • SWASH PLATE TYPE COMPRESSOR

• COMPRESSEUR DE TYPE A PLATEAU
OSCILLANT

(71) **ZEXEL VALEO CLIMATE CONTROL
CORPORATION** [JP/JP]; 39, Aza Higashihara,
Oaza Sendai, Konan-machi,
Oosato-gun, Saitama 360-0193 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **MUTA, Shunji** [JP/JP]; Zexel Va-
leo Climate Control Corporation, 39, Aza
Higashihara, Oaza Sendai, Konan-machi, Os-
ato-gun, Saitama 360-0193 (JP). **SUZUKI,
Nobuhiko** [JP/JP]; Zexel Valeo Climate Con-
trol Corporation, 39, Aza Higashihara, Oaza
Sendai, Konan-machi, Osato-gun, Saitama
360-0193 (JP).

(74) **KIUCHI, Osamu**; Shiba KS Bldg. 4th floor,
7-11, Hamamatsucho 2-chome, Minato-ku,
Tokyo 105-0013 (JP).

(81) US.

(84) EP (DE FR GB).

(51)⁷ **F04B 39/06, 35/04, 25/02**

(11) **WO 02/40867** (13) A1

(21) PCT/DE01/04280

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 57 383.5 **18 Nov/nov 2000 DE
(18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SINGLE OR MULTIPLE-STAGE PIS-
TON COMPRESSOR AND METHOD
FOR COOLING AN ELECTRIC MOTOR
FOR A SINGLE OR MULTIPLE-STAGE
PISTON COMPRESSOR

• COMPRESSEUR A PISTON A UN OU
PLUSIEURS ETAGES ET PROCEDE
DE REFRROIDISSEMENT DU MOTEUR
ELECTRIQUE D'UN COMPRESSEUR
A PISTON A UN OU PLUSIEURS
ETAGES

(71) **PNP LUFTFEDERSYSTEME GMBH**
[DE/DE]; Goldberger Strasse 47, 19086
Crivitz (DE).

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

(72, 75) **BEETZ, Steffan** [DE/DE]; Lud-
wigsluster Strasse 25, 19370 Parchim (DE).
ANTUFJEW, Iwan [DE/DE]; Am Fuchs-
berg 44, 19386 Lübz (DE). **SCHRÖDTER,
Marco** [DE/DE]; Settiner Weg 15, 19089
Crivitz (DE). **GOLD, Henning** [DE/DE];
Laubenheimer Strasse 12, 55452 Dorsheim
(DE).

(74) **JAAP, Reinhard**; Buchholzallee 32, 19370
Parchim (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F04B 49/12, 1/053**

(11) **WO 02/40868** (13) A1

(21) PCT/DE00/04396

(22) **9 Dec/déc 2000 (09.12.2000)**

(25) de (26) de

(30) 100 57 340.1 **18 Nov/nov 2000 DE
(18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CENTRIFUGALLY CONTROLLED HY-
DRAULIC PUMP

• POMPE HYDRAULIQUE A REGULA-
TION CENTRIFUGE

(71, 72) **LÄMMLE, Hans** [DE/DE]; Malgasse 8,
88339 Osterhofen (DE).

(74) **BENDER, Ernst, Albrecht**; Bahnhofstr. 29,
88400 Biberach (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **F04B 49/12, 1/053**

(11) **WO 02/40869** (13) A1

(21) PCT/DE01/03207

(22) **22 Aug/août 2001 (22.08.2001)**

(25) de (26) de

(30) 100 57 340.1 **18 Nov/nov 2000 DE
(18.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● CENTRIFUGAL HYDRAULIC PUMP
● POMPE HYDRAULIQUE REGULEE
PAR LA FORCE CENTRIFUGE
- (71, 72) **LÄMMLE, Hans** [DE/DE]; Malgasse 8, 88339 Osterhofen (DE).
- (74) **BENDER, Ernst, A.**; Bahnhofstrasse 29, 88400 Biberach (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (a)
-
- (51)⁷ **F04F 1/06**
- (11) **WO 02/40870** (13) A1
- (21) PCT/US00/31691
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● WASTE LIQUID COLLECTION SYSTEM
● SYSTEME DE COLLECTE D'EAUX USEES
- (71) **CHEMAND CORPORATION** [US/US]; Suite A, 2048 Corporate Court, San Jose, CA 95131 (US).
- (72) **SCHELL, Dan**; 1052 Newhall Avenue, San Jose, CA 95126 (US).
- (74) **GUILLOT, Robert, O.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304 (US).
- (81) AU BR CA CN CZ ID IL JP KR MX SG.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **F15B 1/033, 1/22, 1/24**
- (11) **WO 02/40871** (13) A2
- (21) PCT/EP01/12842
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) de (26) de
- (30) 100 57 746.6 **16 Nov/nov 2000 (16.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● HYDRAULIC ACCUMULATOR
● ACCUMULATEUR HYDRAULIQUE
- (71) **HYDAC TECHNOLOGY GMBH** [DE/DE]; Industriegebiet, 66280 Sulzbach/Saar (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEBER, Norbert** [DE/DE]; Mozartstrasse 5, 66280 Sulzbach/Saar (DE).
- (74) **BARTELS & PARTNER**; Lange Strasse 51, 70174 Stuttgart (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **F15B 3/00, 17/02**
- (11) **WO 02/40872** (13) A1
- (21) PCT/CN01/01549
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) zh (26) zh
- (30) 00 1 30803.3 **17 Nov/nov 2000 (17.11.2000)** CN
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● POWER ENLARGING METHOD
● PROCEDE D'AMPLIFICATION DYNAMIQUE
- (71, 72) **WU, Nansheng** [CN/CN]; Room 203, Block 33, Guangdong Telecommunication Science Research Institute, 109 Zhongshan Da Dao, Guangzhou, Guangdong 510630 (CN).
- (74) **GUANGZHOU SCIHEAD PATENT AGENT LIMITED**; 74 Zhongshan Road 2, Guangzhou 510089 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F15B 15/10**
- (11) **WO 02/40873** (13) A2
- (21) PCT/CA01/01609
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/712,417 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● BELLOWS ACTUATOR FOR PRESSURE AND FLOW CONTROL
● ACTIONNEUR A SOUFFLET PERMETTANT LA COMMANDE DE LA PRESION ET DE L'ECOULEMENT
- (71) **ABB, Inc.** [CA/CA]; 122-980 West 1st Street, North Vancouver, British Columbia V7P 3N4 (CA).
- (72) **DUAN, Shizhong**; 2859 Banbury Avenue, Coquitlam, British Columbia V3B 2V9 (CA).
SMITH, Douglas, W., P.; 3753 Sefton Street, Port Coquitlam, British Columbia V3B 3R6 (CA).
- (74) **RIDOUT & MAYBEE LLP**; Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F15D 1/02, 1/10**
- (11) **WO 02/40875** (13) A2
- (21) PCT/GB01/05024
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 0027858.0 **15 Nov/nov 2000 (15.11.2000)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PROTECTION OF UNDERWATER ELONGATE MEMBERS
● PROTECTION D'ELEMENTS ALLONGES SOUS-MARINS
- (71) **CRP GROUP LIMITED** [GB/GB]; Stanley Way, Stanley, Skelmersdale, Lancashire WN8 8EA (GB).

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

(72, 75) **GIBSON, Robert** [GB/GB]; Deneside, High Bank Lane, Lostock, Bolton, Lancashire BL6 4DT (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16B 5/00, 11/00, B29C 65/54 // B32B 15/08**

(11) **WO 02/40876** (13) A1

(21) PCT/EP01/13082

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) de (26) de

(30) 100 56 375.9 **14 Nov/nov 2000 (14.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR BINDING COMPOUND ELEMENTS
• PROCEDE DE LIAISON D'ELEMENTS COMPOSITES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FORSTER, Heinz** [DE/DE]; Fichtenweg 18, 82515 Wolfratshausen (DE). **HEFNER, Matthias** [DE/DE]; Herbststrasse 9, 85253 Erdweg (DE). **REINERTH, Peter** [DE/DE]; Zur Denkstätte 30, 82275 Emmering (DE). **BERNARD, Gerhard** [DE/DE]; Jahnstrasse 14 A, 82140 Olching (DE). **STADLER, Edmund** [DE/DE]; Johann-Azendorferstrasse 23, 96142 Hollfeld (DE). **KNOBLAUCH, Georg** [DE/DE]; Feichtofstrasse 128, 81247 München (DE). **SCHWEERS, Olaf** [DE/DE]; Mundenheimerstrasse 158, 67061 Ludwigshafen (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F16B 33/02, 31/00, F16H 25/22**

(11) **WO 02/40877** (13) A1

(21) PCT/EP01/13218

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 57 302.9 **17 Nov/nov 2000 (17.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • TRACTION TRANSMITTING SECURING DEVICE

• DISPOSITIF DE FIXATION TRANSMETTANT LA TRACTION

(71) **KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH** [DE/DE]; Krauss-Maffei-Str. 2, 80997 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOHLRAB, Walter** [DE/DE]; Heinrich-Stöhr-Strasse 5, 91781 Weissenburg (DE).

(74) **MANNESMANN PLASTICS MACHINERY AG**; Patentabteilung -ZR 3-, Krauss-Maffei Str. 2, 80997 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16C 1/26**

(11) **WO 02/40878** (13) A1

(21) PCT/EP01/13342

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) de (26) de

(30) 100 65 836.9 **20 Nov/nov 2000 (20.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • TUBULAR FITTING FOR PULL CORDS

• RACCORD DE TUYAU FLEXIBLE POUR TIRETTES DE COMMANDE

(71) **KÜSTER AUTOMOTIVE CONTROL SYSTEMS GMBH** [DE/DE]; Am Bahnhof 13, 35630 Ehringshausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENRICH, Willi** [DE/DE]; Heinrich-Rumpf-Strasse 4, 35630 Ehringshausen (DE).

(74) **MÜLLER, Eckhard**; Eifelstrasse 14, 65597 Hünfelden-Dauborn (DE).

(81) DE US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16C 17/02**

(11) **WO 02/40879** (13) A1

(21) PCT/EP01/13073

(22) **10 Nov/nov 2001 (10.11.2001)**

(25) de (26) de

(30) 100 56 615.4 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • WELDED STRUCTURAL PART RECEIVED ON A FRICTION BEARING

• UNITE SOUDEE A PALIER LISSE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Friedrichshafen (DE).

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

(72, 75) **ROWE, Gerald** [DE/DE]; Eichbühlweg 18, 88131 Lindau (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16C 17/02, 33/10, 33/14**

(11) **WO 02/40880** (13) A1

(21) PCT/JP00/08020

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • SINTERED OIL-RETAINING BEARING AND PRODUCTION METHOD THEREFOR

• PALIER FRITTÉ DE RÉTENTION D'HUILE ET PROCÉDÉ DE PRODUCTION

(71) **MITSUBISHI MATERIALS CORPORATION** [JP/JP]; 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 (JP). **ASMO CO., LTD.** [JP/JP]; 390, Umeda, Kosai-shi, Shizuoka 431-0493 (JP).

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

(72, 75) **KANEZAKI, Noboru** [JP/JP]; c/o Mitsubishi Materials Corporation, Niigata Plant, 3-1, Kogane-cho, Niigata-shi, Niigata 950-8640 (JP). **TANAKA, Takeshi** [JP/JP]; c/o Asmo Co., Ltd., 390, Umeda, Kosai-shi, Shizuoka 431-0493 (JP). **HAYASHI, Yoshiaki** [JP/JP]; c/o Asmo Co., Ltd., 390, Umeda, Kosai-shi, Shizuoka 431-0493 (JP).

(74) **SHIGA, Masatake**; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (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 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16C 17/12, 33/10**

(11) **WO 02/40881** (13) A2

(21) PCT/US01/43460

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/714,349 **15 Nov/nov 2000 (15.11.2000)** US

- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● COMPLIANT FOIL THRUST BEARING
● PALIER DE BUTEE A FILM SOUPLE
- (71) **CAPSTONE TURBINE CORPORATION** [US/US]; 21211 Nordhoff Street, Chatsworth, CA 91311 (US).
- (72) **WEISSERT, Dennis, H.**; 21211 Nordhoff Street, Chatsworth, CA 91311 (US). **CHINTA, Murali**; 21211 Nordhoff Street, Chatsworth, CA 91311 (US). **BROCKETT, Theodore, S.**; 21211 Nordhoff Street, Chatsworth, CA 91311 (US).
- (74) **BACKOFEN, Paul, J.** et al. / etc.; Irell & Manella LLP, 1800 Avenue of the Stars, Suite 900, Los Angeles, CA 90067-4276 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

Declarations / Déclarations :

(s) for the following designation / pour la désignation suivante : US

(t) for the following designation / pour la désignation suivante : US

(51)⁷ **F16C 33/12, C22C 21/00, B32B 15/01, C23C 30/00**(11) **WO 02/40882** (13) A1

(21) PCT/EP01/13219

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 56 579.4 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) ● CRANKSHAFT BEARING SHELL
● COUSSINET DE PALIER DE VILEBREQUIN

(71) **KS GLEITLAGER GMBH** [DE/DE]; Am Bahnhof 14, 68789 St. Leon-Rot (DE).
(only for / seulement pour AT BE BR CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE TR US)

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Eppelstrasse 225, 70567 Stuttgart (DE).
(only for / seulement pour US)

(72, 75) **STEFFENS, Thomas** [DE/DE]; Haller Ring 24, 74906 Bad Rappenau (DE). **SCHUBERT, Werner** [DE/DE]; Bergwerkstrasse 23, 69168 Wiesloch (DE). **DEICKE, Klaus** [DE/DE]; Karlsbader Strasse 8, 74257 Untereisesheim (DE). **KRÄMER, Johann** [DE/DE]; Kohlberger Strasse 5, 71229 Leonberg (DE). **CLAUS, Jürgen** [DE/DE]; Pécser Str. 23, 70736 Fellbach (DE).

(74) **FRIZ, Oliver**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, Gerokstrasse 1, 70032 Stuttgart (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16C 33/12, C22C 21/00, B32B 15/00**(11) **WO 02/40883** (13) A1

(21) PCT/US01/43668

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/248,931 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) ● NON-PLATED ALUMINUM BASED BEARING ALLOY WITH PERFORMANCE-ENHANCED INTERLAYER
● ALLIAGE DE SUPPORT A BASE D'ALUMINIUM PLAQUE POURVU D'UNE COUCHE INTERMEDIAIRE AMELIOREE

(71) **FEDERAL-MOGUL CORPORATION** [US/US]; 26555 Northwestern Highway, Southfield, MI 48034 (US).

(72) **WHITNEY, Warren, J.**; 4822 Cole Blvd., Ypsilanti, MI 48197 (US). **HUNTER, Jeffrey, C.**; 1427 Foley #102, Ypsilanti, MI 48198 (US).

(74) **STEARNS, Robert, L.**; Reising, Ethington, Barnes, Kisselle, Learman & McCulloch, P.C., 201 West Big Beaver Road, Troy, MI 48099 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **F16C 39/06**(11) **WO 02/40884** (13) A1

(21) PCT/FR01/03598

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) fr (26) fr

(30) 00 14846 **17 Nov/nov 2000 FR (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) ● ROTARY MACHINE WITH AXIAL STOP INCORPORATING A CURRENT GENERATOR
● MACHINE TOURNANTE A BUTEE AXIALE MAGNETIQUE INTEGRANT UNE GENERATRICE DE COURANT

(71) **SOCIETE DE MECANIQUE MAGNETIQUE** [FR/FR]; ZI de Vernon Saint Marcel, 2 Rue des champs, F-27950 SAINT MARCEL (FR).

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

(72, 75) **BRUNET, Maurice** [FR/FR]; 27 Rue du Bout au Roussel, F-27950 SAINTE COLOMBE PRES VERNON (FR). **SCHROEDER, Ulrich** [DE/FR]; 30 Impasse des Clères, F-76130 MONT SAINT AIGNAN (FR). **TREMAUDANT, Yann** [FR/FR]; 1 Rue du 11 Novembre, F-78300 Poissy (FR).

(74) **THEVENET, Jean-Bruno** et al. / etc.; CABINET BEAU DE LOMENIE, 158 Rue

de l'Université, F-75340 PARIS Cedex 07 (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **F16D 13/64**(11) **WO 02/40885** (13) A1

(21) PCT/FR01/03593

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) fr (26) fr

(30) 00/14928 **20 Nov/nov 2000 FR (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) ● FRICTION DISC AND METHOD FOR MAKING A LINING FORMING IT
● DISQUE DE FRICTION ET PROCEDE DE FABRICATION D'UNE GARNITURE LE COMPOSANT

(71) **VALEO** [FR/FR]; 43, rue Bayen, F-75017 Paris (FR).

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

(72, 75) **MARCHISSEAU, Michel** [FR/FR]; 33, rue Condorcet, F-87100 Limoges (FR).

(74) **GAMONAL, Didier**; Valeo Equipements Electriques Moteur, 2, rue André Bouille, F-94017 Creteil Cedex (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16D 25/12, 21/06, 48/06**(11) **WO 02/40886** (13) A1

(21) PCT/EP01/12515

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) de (26) de

(30) 100 56 953.6 **17 Nov/nov 2000 DE (17.11.2000)**(30) 101 02 874.1 **23 Jan/jan 2001 DE (23.01.2001)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) ● CLUTCH SYSTEM
● SYSTEME D'EMBRAYAGE

(71) **MANNESMANN SACHS AG** [DE/DE]; Ernst Sachs Strasse 62, 97424 Schweinfurt (DE).

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

(72, 75) **BUSOLD, Thomas** [DE/DE]; Fuldaer Weg 8, 36039 Fulda (DE). **GROSSPIETSCH, Wolfgang** [DE/DE]; Matthias-Grünwald-Ring 20, 97422 Schweinfurt (DE). **MOSELER, Olaf** [DE/DE]; Kroatengasse 7, 97070 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **F16D 65/095, 55/48**

(11) **WO 02/40887** (13) A1

(21) PCT/DE01/04041

(22) **24 Oct/oct 2001 (24.10.2001)**

(25) de (26) de

(30) 100 56 451.8 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SELF-ENERGIZING DISK BRAKE

- FREIN A DISQUE A EFFET AUTO-AMPLIFICATEUR DE LA FORCE DE FREINAGE

(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) **BAUMANN, Dietmar** [DE/DE]; Helene-Lange-Str. 33, 71282 Hemmingen (DE). **SCHMIDT, Hanniel** [DE/DE]; Hans-Thoma-Str. 25, 76307 Karlsbad (DE). **VOLLERT, Herbert** [DE/DE]; Oberriexinger Weg 75, 71665 Vaihingen/Enz (DE). **KELLER, Frieder** [DE/DE]; Schönbornstr. 4a, 76698 Ubstadt-Weiher (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16F 9/04, 9/05**

(11) **WO 02/40888** (13) A1

(21) PCT/US01/26705

(22) **27 Aug/août 2001 (27.08.2001)**

(25) en (26) en

(30) 09/713,453 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • AIR SPRING FOR VIBRATION ISOLATION

- RESSORT PNEUMATIQUE ANTI-VIBRATION

(71) **BFS DIVERSIFIED PRODUCTS, LLC.** [US/US]; 525 Congressional Blvd., Carmel, Indiana, 46032 (US).

(72) **WEITZENHOF, David, A.**; 1590 Orchard Dr., Bath, OH 44210 (US). **LEONARD, Daniel, J.**; 11808 Hoster Dr., Carmel, IN 46033 (US).

(74) **SAND, Michael**; Sand & Sebolt, Aegis Tower, Suite 1100, 4940 Munson St. NW, Canton, OH 44718 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)⁷ **F16G 5/16**

(11) **WO 02/40889** (13) A1

(21) PCT/EP01/12898

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) de (26) de

(30) 100 57 381.9 **18 Nov/nov 2000 DE (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • HYBRID V-BELT FOR HIGH PERFORMANCE DRIVES

- COURROIE TRAPEZOIDALE HYBRIDE POUR SYSTEMES D'ENTRAÎNEMENT A HAUTE PERFORMANCE

(71) **CONTITECH ANTRIEBSSYSTEME GMBH** [DE/DE]; Vahrenwalder Str. 9, 30165 Hannover (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATTLER, Heiko** [DE/DE]; Königstr. 22, 30175 Hannover (DE).

(74) **SCHNEIDER, Egon**; i.Fa. Continental Aktiengesellschaft, Postfach 1 69, 30001 Hannover (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16G 5/16**

(11) **WO 02/40890** (13) A1

(21) PCT/EP01/12899

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) de (26) de

(30) 100 57 382.7 **18 Nov/nov 2000 DE (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • HEAVY DUTY V-BELT

- COURROIE TRAPEZOIDALE HAUTE PERFORMANCE

(71) **CONTITECH ANTRIEBSSYSTEME GMBH** [DE/DE]; Vahrenwalder Strasse 9, 30165 Hannover (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATTLER, Heiko** [DE/DE]; Königstrasse 22, 30175 Hannover (DE).

(74) **SCHNEIDER, Egon**; i. Fa. Continental Aktiengesellschaft, Postfach 169, 30001 Hannover (DE).

(81) BR JP KR MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16H**

(11) **WO 02/40891** (13) A2

(21) PCT/US01/43930

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/249,617 **17 Nov/nov 2000 US (17.11.2000)**

(30) 09/802,608 **9 Mar/mar 2001 US (09.03.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • BI-DIRECTIONAL OVERRUNNING CLUTCH WITH AUTOMATIC BACK-DRIVE

- EMBRAYAGE BIDIRECTIONNEL A ROUE LIBRE A RETRO-ENTRAÎNEMENT AUTOMATIQUE

(71) **HILLIARD CORPORATION** [US/US]; 100 West Fourth Street, Elmira, NY 14902-1504 (US).

(72) **OCHAB, David, C.**; 117 Kiser Road, Horseheads, NY 14845 (US). **COWEN, Matthew, J.**; 508 West Washington Avenue, Elmira, NY 14901 (US). **HEATH, Kelly, P.**; 2755 Gorton Road, Corning, NY 14830 (US).

(74) **CANNUSCIO, Robert, E.**; Drinker Biddle & Reath, LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **F16H 7/14**

(11) **WO 02/40892** (13) A1

(21) PCT/ZA01/00179

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 2000/6762 **20 Nov/nov 2000 ZA (20.11.2000)**

(30) 2000/6763 **20 Nov/nov 2000 ZA (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • GUIDE SYSTEM FOR TENSIONING A BELT AND A METHOD OF REGULATING BELT TENSION

- SYSTEME DE GUIDAGE PERMETTANT DE TENDRE UNE COURROIE ET PROCEDE DE REGULATION DE TENSION DE LADITE COURROIE

(71) **OSCILLATING SYSTEMS (PTY) LIMITED** [ZA/ZA]; 252 Propshaft Street, Samcor Park X1, Pretoria 0184 (ZA).

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

(72, 75) **MARE, Philippus, Petrus** [ZA/ZA]; 195 Theuns Road, Murrayfield, Pretoria 0184 (ZA). **SEVENSTER, Conrad** [ZA/ZA]; 32

Super Drive, Clubview, Centurion, Pretoria 10157 (ZA).

(74) **LE ROUX, Marius**; D M Kisch Inc, P.O. Box 781218, Sandton 2146 (ZA).

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

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(51)⁷ **F16H 7/18**

(11) **WO 02/40893** (13) A1

(21) PCT/US01/43944

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,691 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SNAP-FIT CHAIN GUIDE WITH LOCKING CONNECTOR ARRANGEMENT

● GUIDE-CHAÎNE ENCLIQUETABLE COMPRENANT UN MOYEN DE CONNEXION DE VERROUILLABLE

(71) **CLOYES GEAR AND PRODUCTS, INC.** [US/US]; Suite 235, 8500 Station Street, Mentor, OH 44060 (US).

(72) **YOUNG, James, D.**; 9394 Deitering Road, Chesaning, MI 48616 (US).

(74) **HAAS, Steven, M.**; Fay, Sharpe, Fagan, Minnich & Mckee, LLP, 1100 Superior Avenue, Seventh Floor, Cleveland, OH 44114-2518 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **F16H 25/18, B26D 5/16**

(11) **WO 02/40894** (13) A1

(21) PCT/GB01/05037

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 0027815.0 **15 Nov/nov 2000 GB (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● IMPROVEMENTS RELATING TO TRANSFER MECHANISMS

● AMELIORATIONS APPORTEES A DES MECANISMES DE TRANSFERT

(71) **ACCO EUROPE PLC** [GB/GB]; Gatehouse Road, Aylesbury, Buckinghamshire HP19 3DT (GB).

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

(72, 75) **MEAD, David** [GB/GB]; 43 Geraldine Road, Malvern, Worcestershire WR14 3NT (GB). **BUMPSTEED, Austin** [GB/GB]; 29 Amberley Close, Blackpole, Worcestershire WR4 9XB (GB). **SMITH, Ian** [GB/GB]; 6 Lilac Close, Droitwich, Worcestershire WR9 7SH (GB).

(74) **FORRESTER KETLEY & CO.**; Chamberlain 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 NO NZ PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16H 25/22**

(11) **WO 02/40895** (13) A1

(21) PCT/EP01/12699

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) de (26) de

(30) 100 56 275.2 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● BALL SCREW

● VIS D'ENTRAÎNEMENT A BILLES

(71) **INA-SCHAEFFLER KG** [DE/DE]; Industriest. 1-3, 91074 Herzogenaurach (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSTERLÄNGER, Jürgen** [DE/DE]; Tannscharn 21, 91448 Emskirchen (DE).

(74) **INA-SCHAEFFLER KG**; Industriestrasse 1-3, 91074 Herzogenaurach (DE).

(81) DE JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c), (q1)

(51)⁷ **F16H 53/02**

(11) **WO 02/40896** (13) A1

(21) PCT/JP01/08879

(22) **10 Oct/oct 2001 (10.10.2001)**

(25) ja (26) ja

(30) 2000-347017 **14 Nov/nov 2000 JP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CAM BLOCK AND METHOD FOR MANUFACTURING THE SAME

● BLOC DE CAME ET SON PROCÉDE DE FABRICATION

(71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). **HIRATA TECHNICAL CO., LTD.** [JP/JP]; 5-10, Nishihokima 2-chome, Adachi-ku, Tokyo 121-8540 (JP).

(72) **OGASAWARA, Atsushi**; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). **IIZUKA, Hiroaki**; c/o HIRATA TECHNICAL CO., LTD MAEBASI SEISAKUSHO, 1170, Amagawaoshimamachi, Maebasi-shi, Gunma 379-2154 (JP). **YUUKI, Masao**; c/o HIRATA TECHNICAL CO., LTD DIE ENGINEERING CENTER, 1231, Amagawaoshimamachi, Maebasi-shi, Gunma 379-2154 (JP). **MANIWA, Shigeru**; c/o HIRATA TECHNICAL CO., LTD NEWMODEL CENTER, 1231, Amagawaoshimamachi, maebashi-shi, Gunma 379-2154 (JP). **HAYAKAWA, Shohei**; 37-8, Misugidai 4-chome, Hanno-shi, Saitama 357-0041 (JP).

(74) **MIMURA, Hidekazu**; 3th floor, Takayasu Bldg., 15-1, Uchikanda 3-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

(81) BR CN ID IN PH VN.

(84) EP (ES IT).

Published / Publiée : (b)

(51)⁷ **F16H 55/24, 1/16**

(11) **WO 02/40897** (13) A1

(21) PCT/DE01/04145

(22) **3 Nov/nov 2001 (03.11.2001)**

(25) de (26) de

(30) 100 57 117.4 **16 Nov/nov 2000 DE (16.11.2000)**

(30) 101 24 601.3 **21 May/mai 2001 DE (21.05.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● GEAR TRAIN ELEMENT FOR PLAY-FREE TORQUE TRANSMISSION

● ELEMENT D'ENGRENAGE DESTINE A LA TRANSMISSION D'UN COUPLE SANS JEU

(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) **BUX, Harald** [DE/DE]; Buxenbergstrasse 12, 73460 Huettlingen (DE). **PAWELETZ, Anton** [DE/DE]; Pecser-Strasse 52, 70736 Fellbach (DE).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F16H 61/00, 37/08**

(11) **WO 02/40898** (13) A1

(21) PCT/GB01/05075

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 00 27997.6 **16 Nov/nov 2000 GB (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CONTROL SYSTEM AND METHOD FOR A CONTINUOUSLY VARIABLE TRANSMISSION

• SYSTEME ET PROCEDE DE COMMANDE DE TRANSMISSION A REGLAGE CONTINU

(71) **TOROTRAK (DEVELOPMENT) LIMITED** [GB/GB]; 1 Aston Way, Leyland, Lancashire PR5 3UX (GB).

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

(72, 75) **MURRAY, Stephen, William** [GB/GB]; St Michaels, Preston Road, Grimsargh PR2 5SD (GB).

(74) **W. P. THOMPSON & CO**; Cooper Building, Church Street, Liverpool L1 3AB (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ **F16H 61/40, F15B 11/02**

(11) **WO 02/40899** (13) A1

(21) PCT/JP01/00279

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) ja (26) ja

(30) 2000/346662 **14 Nov/nov 2000** JP
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • HYDRAULICALLY DRIVEN CAR

• VOITURE A PROPULSION HYDRAULIQUE

(71) **ASAHI CORPORATION** [JP/JP]; 266-1, Kitagawa, Saijo-shi, Ehime 793-0042 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUMON, Shigetomi** [JP/JP]; c/o Asahi Corporation, 266-1, Kitagawa, Saijo-shi, Ehime 793-0042 (JP).

(74) **YAMAUCHI, Yasunobu**; Nihon Seimei-TakamatsuEkimae, Bldg.3F 1-8, Koto-buki-cho 1-chome, Takamatsu-shi, Kagawa 760-0023 (JP).

(81) AU CN IN KR MX RU US.

(84) EP (DE FR GB IT SE).

(51)⁷ **F16H 63/30, F16D 25/0638, 43/21, 67/04**

(11) **WO 02/40900** (13) A2

(21) PCT/EP01/13398

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 00/14839 **17 Nov/nov 2000** FR
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • TRANSMISSION DEVICES, FOR GROUND VEHICLES AND MORE PARTICULARLY FOR MOTORS-CARS

• DISPOSITIFS DE TRANSMISSION POUR DES VEHICULES AU SOL ET PLUS PARTICULIEREMENT POUR DES AUTOMOBILES

(71) **ANTONOV AUTOMOTIVE TECHNOLOGIES B.V.** [NL/NL]; Weena 89, NL-3013 CH Rotterdam (NL).

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

(72, 75) **ANTONOV, Roumen** [FR/FR]; 139, Boulevard Saint Germain, F-75006 Paris (FR). **MORANT, Frédéric** [FR/FR]; F-05230 La Plaine d'Avançon (FR).

(74) **PONTET, Bernard** et al. / etc.; Pontet Alano & Associes SELARL, 25, rue Jean Rostand, Parc-Club Orsay-Université, F-91893 Orsay 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 ES FI GB GD GE GH GM HR HU ID 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16J 15/02**

(11) **WO 02/40901** (13) A1

(21) PCT/US01/40514

(22) **12 Apr/avr 2001 (12.04.2001)**

(25) en (26) en

(30) 60/197,151 **13 Apr/avr 2000** US
(13.04.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MICROMACHINED RUBBER O-RING MICROFLUIDIC COUPLERS

• RACCORDS MICROFLUIDIQUES A JOINT TORIQUE ELASTOMERE MICRO-USINE

(63) US 60/197,151 (CON)
13 Apr/avr 2000 (13.04.2000)

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125 (US).

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

(72, 75) **TAI, Yu-Chong** [US/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 136-93, Pasadena, CA 91125 (US). **YAO, Tze-Jung** [US/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 136-93, Pasadena, CA 91125 (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., 4350 La Jolla Village Drive, Suite 500, San Diego, CA 92122 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **F16K**

(11) **WO 02/40902** (13) A2

(21) PCT/IB01/02186

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 60/252,119 **20 Nov/nov 2000** US
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DIRECTLY ACTUATED ENGINE VALVE

• SOUPAPE DE MOTEUR A ACTIONNEMENT DIRECT

(71) **SIEMENS AUTOMOTIVE CORPORATION** [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).

(72) **CURTIS, John**; 290 Mimosa Road, Fayetteville, TN 37334 (US). **HILTUNEN, Larry**; 364 Woodside Court, Building 4, Apartment 53, Rochester Hills, MI 48307 (US).

(74) **SLENZAK, Laura**; c/o Keller, Elsa, Siemens Corporation, 186 Wood Avenue South, Iselin, NJ 08830 (US) et al. / etc.

(81) DE JP.

(51)⁷ **F16K 1/228, 1/226**

(11) **WO 02/40903** (13) A1

(21) PCT/US01/28179

(22) **7 Sep/sep 2001 (07.09.2001)**

(25) en (26) en

(30) 09/715,404 **17 Nov/nov 2000** US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • VALVE FLAPPER WITH DYNAMIC CIRCUMFERENCE SEAL

• PAPILLON DE VANNE A JOINT D'ETANCHEITE DE CIRCONFERENCE DYNAMIQUE

(71) **MKS INSTRUMENTS, INC.** [US/US]; Six Shattuck Road, Andover, MA 01810 (US).

(72) **CHAMBERLAIN, David, Brian**; 667 Central Street, Manchester, NH 03103 (US).

(74) **KUSMER, Toby, H.** et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).

(81) DE GB JP KR.

Published / Publiée : (c)

(51)⁷ **F16K 1/24, 31/528, 31/524**

(11) **WO 02/40904** (13) A1

(21) PCT/AU01/01504

(22) **20 Nov/nov 2001 (20.11.2001)**

- (25) en (26) en (25) sv (26) en (25) de (26) de
- (30) PR 1581 **20 Nov/nov 2000** AU (20.11.2000) (30) 0004225-9 **17 Nov/nov 2000** SE (17.11.2000) (30) 100 57 304.5 **17 Nov/nov 2000** DE (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002) (43) 23 May/mai 2002 (23.05.2002) (43) 23 May/mai 2002 (23.05.2002)
- (54) • VALVE SYSTEM
• SYSTEME DE VANNE
- (71, 72) **CHAPMAN, John, Edward** [AU/AU]; 23 Sophia Street, Kingston, Tasmania 7050 (AU).
- (74) **PHILLIPS ORMONDE & FITZ-PATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16K 5/06, 51/00, B23K 31/00**
- (11) **WO 02/40905** (13) A1
- (21) PCT/JP01/10052
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-349386 **16 Nov/nov 2000** JP (16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF MANUFACTURING BALL VALVE
• PROCEDE DE FABRICATION D'UN CLAPET A BILLE
- (71) **TIX CORPORATION** [JP/JP]; 2-4, Osaki 1-chome, Shinagawa-ku, Tokyo 141-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOKOMI, Masahiro** [JP/JP]; 8, Hakusan 3-chome, Abiko-shi, Chiba 270-1154 (JP).
- (74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, 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 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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16K 11/044 // F24D 19/10**
- (11) **WO 02/40906** (13) A1
- (21) PCT/SE01/02534
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en (25) sv (26) en (25) de (26) de
- (30) 0004225-9 **17 Nov/nov 2000** SE (17.11.2000) (30) 100 57 304.5 **17 Nov/nov 2000** DE (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002) (43) 23 May/mai 2002 (23.05.2002) (43) 23 May/mai 2002 (23.05.2002)
- (54) • A METHOD OF REDUCING GROWTH OF BACTERIA IN A WATER MIXER VALVE AND A MIXER VALVE FOR USING THE METHOD
• PROCEDE PERMETTANT DE DIMINUER LA CROISSANCE DE BACTERIES DANS UNE SOUPEPE DE MELANGE D'EAU ET SOUPEPE DE MELANGE D'EAU METTANT EN OEUVRE CE PROCEDE
- (71) **FM MATTSSON AB** [SE/SE]; Box 427, S-792 27 Mora (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ERICSSON, Stefan** [SE/SE]; Klapparväg 6, S-792 37 Mora (SE).
- (74) **WENNBORG, Göte** et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16K 31/06, 41/10**
- (11) **WO 02/40907** (13) A1
- (21) PCT/US01/28178
- (22) **7 Sep/sep 2001 (07.09.2001)**
- (25) en (26) en
- (30) 09/715,890 **17 Nov/nov 2000** US (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SOLENOID VALVE
• ELECTROVANNE
- (71) **MKS INSTRUMENTS, INC.** [US/US]; Six Shattuck Road, Andover, MA 01810 (US).
- (72) **ANASTAS, Jeffrey, V.**; 23 Gendron Lane, Kennebunk, ME 04043 (US).
- (74) **KUSMER, Toby, H.** et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).
- (81) DE GB JP KR.
- Published / Publiée : (c)
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- (51)⁷ **F16L**
- (11) **WO 02/40908** (13) A2
- (21) PCT/EP01/13154
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) de (26) de
- (30) 100 57 304.5 **17 Nov/nov 2000** DE (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002) (43) 23 May/mai 2002 (23.05.2002) (43) 23 May/mai 2002 (23.05.2002)
- (54) • CLAMP COUPLING FOR PIPES
• ACCOUPLEMENT A COQUILLE POUR CONDUITS
- (71) **PUTZMEISTER AKTIENGESELLSCHAFT** [DE/DE]; Max-Eyth-Strasse 10, 72631 Aichtal (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÄCKLE, Raimund** [DE/DE]; Hauptstrasse 63, 73730 Esslingen (DE). **JUNGHANS, Karl-Heinz** [DE/DE]; Fliederweg 1, 70794 Filderstadt (DE).
- (74) **WOLF, Eckhard** et al. / etc.; Wolf & Lutz, Hauptmannsreute 93, 70193 Stuttgart (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **F16L 21/03**
- (11) **WO 02/40909** (13) A1
- (21) PCT/SE01/02466
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) sv (26) en
- (30) 0004110-3 **10 Nov/nov 2000** SE (10.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SEALING RING FOR CONNECTING TWO TELESCOPICALLY INSERTABLE CONCRETE COMPONENTS
• JOINT D'ETANCHEITE SERVANT A ACCOUPLER DEUX ELEMENTS EN BETON A EMBOITEMENT TELESCOPIQUE
- (71) **FORSHEDA AB** [SE/SE]; S-330 12 Forsheda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CAVKA, Elvir** [SE/SE]; Törn skatevägen 4, S-331 41 Värnamo (SE).
- (74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 41/08

(11) WO 02/40910 (13) A1

(21) PCT/CA01/01644

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 09/714,276 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SEWER PIPE COUPLING

• MANCHON DE RACCORD DE
CONDUITES D'EGOUT(71, 72) STEPHENS, Greg [CA/CA]; 418 TEM-
PLEMEAD DRIVE, HAMILTON, Ontario
L8W 2H2 (CA). VIEVEEN, Peter [CA/CA];
363 FITCH STREET, WELLAND, Ontario
L3C 4W7 (CA).(74) SCHMIDT, Ingrid; c/o GOWLING
LAFLEUR HENDERSON LLP, SUITE
560-120 KING STREET WEST, P.O. BOX
1045, LCD 1, HAMILTON, Ontario L8N
3R4 (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 NO NZ PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16L 55/02, 55/04

(11) WO 02/40911 (13) A1

(21) PCT/NO01/00407

(22) 5 Oct/oct 2001 (05.10.2001)

(25) no (26) en

(30) 20005092 9 Oct/oct 2000 NO
(09.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DAMPER DEVICE FOR A HYDRAULIC
SYSTEM, WHERE A PISTON PRO-
VIDED WITH AN ELECTRIC COIL
AND A PERMANENT MAGNET
WHICH PROPAGATE A MAGNETIC
FIELD, COOPERATE• DISPOSITIF D'AMORTISSEMENT
POUR UN SYSTEME HYDRAULIQUE
DANS LEQUEL UN PISTON POURVU
D'UNE BOBINE ELECTRIQUE ET
UN AIMANT PERMANENT QUI PRO-
PAGE UN CHAMP MAGNETIQUE
COOPERENT(71) NATIONAL OILWELL NORWAY
HOLDINGS AS [NO/NO]; P.O. Box 8181,
N-4069 STAVANGER (NO).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KYLLINGSTAD, Åge [NO/NO];
Barkveien 15, N-4069 STAVANGER (NO).(74) HÅMSØ PATENTBYRÅ ANS; P. O. Box
171, N-4306 SANDNES (NO).(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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16N

(11) WO 02/40912 (13) A2

(21) PCT/US01/43516

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 09/716,083 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHODS OF LUBRICATING A TAM-
PON AND TAMPON LUBRICATED
THEREBY• PROCEDES DE LUBRIFICATION DE
TAMPON ET TAMPON LUBRIFIE A
L'AIDE DESDITS PROCEDES(71) PLAYTEX PRODUCTS, INC. [US/US];
300 Myala Farms Road, Westport, CT 06880
(US).(72) PAULEY, Suzanne; 1700 North Dupont
Highway, Apt. J304, Dover, DE 19901 (US).
DAVIS, Jacqueline; 260 Kaplan Avenue,
Hackensack, NJ 07601 (US). JACKSON,
Dane, R.; 18 Leary Avenue, Bloomingdale,
NJ 07403 (US).(74) RUGGIERO, Charles, N., J.; Ohlandt,
Greeley & Ruggiero & Perle, L.L.P., 10th
Floor, One Landmark Square, Stamford, CT
06901 (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 PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ F16N 7/38, B65G 45/08

(11) WO 02/40913 (13) A1

(21) PCT/EP01/12433

(22) 26 Oct/oct 2001 (26.10.2001)

(25) de (26) de

(30) 00/14732 15 Nov/nov 2000 FR
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM FOR LUBRICATING AND
MONITORING A LUBRICATABLE EL-
EMENT• SYSTEME DE LUBRIFICATION ET
DE SURVEILLANCE D'UN ELEMENT
APTE A LA LUBRIFICATION(71) WILLY VOGEL AG [DE/DE]; Motzener
Strasse 35/37, 12277 Berlin (DE). VOGEL
MECAFLUID S.A. [FR/FR]; Rue Robert
Amy, B.P. 130, F-49404 Saumur Cedex (FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JAVELLY, Christian [FR/FR]; Rue
Robert Amy, B.P. 130, F-49404 Saumur
Cedex (FR). MALBRUNOT, Guy [FR/FR];
Rue Robert Amy, B.P. 130, F-49404
Saumur Cedex (FR). COURJAULT, Jérôme
[FR/FR]; Rue Robert Amy, B.P. 130, F-49404
saumur Cedex (FR).(74) GRÜNECKER KINKELDEY STOCK-
MAIR & SCHWANHÄUSSER; Maximil-
ianstrasse 58, 80538 Munich (DE).

(81) CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ F17C

(11) WO 02/40914 (13) A2

(21) PCT/US01/45519

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/249,765 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • VALVE WITH SMART HANDLE

• ROBINET A POIGNEE INTELLIGENTE

(71) CONTROLINK, INC. [US/US]; 9470
Meridian Way, West Chester, OH 45069 (US).
INO THERAPEUTICS, INC. [US/US]; 6
Route 173, Clinton, NJ 08809 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PETERS, Mark [US/US]; 7105 Vails-
gate Court, Hamilton, OH 45011 (US).
POPP, Gregg [US/US]; 900 Natalie Lane,
Lebanon, OH 45036 (US).(74) CAMORIANO, Theresa, Fritz; Camori-
ano and Associates, 8225 Shelbyville Road,
Louisville, KY 40222 (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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ F17C 9/00

(11) WO 02/40915 (13) A2

(21) PCT/US01/47516

(22) 8 Nov/nov 2001 (08.11.2001)

(25) en (26) en

- (30) 09/712,680 **14 Nov/nov 2000** US
(14.11.2000)
- (30) 09/911,027 **23 Jul/juillet 2001** US
(23.07.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● APPARATUS AND METHOD FOR TRANSFERRING A CRYOGENIC FLUID
● APPAREIL ET PROCÉDE PERMETTANT DE TRANSFÉRER UN FLUIDE CRYOGENIQUE
- (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) **ZURECKI, Zbigniew** [US/US]; 2660 Fieldview Drive, Macungie, PA 18062 (US).
FREY, John, Herbert [US/US]; 1627 Fieldstone Street, Allentown, PA 18106 (US).
TREMBLEY, Jean-Philippe [US/US]; 1256 Clearview Circle, Allentown, PA 18103 (US).
- (74) **KOZUCH, James, J.**; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 12th Floor, Seven Penn Center, 1635 Market Street, Philadelphia, PA 19103-2212 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F17D**
- (11) **WO 02/40916** (13) A2
- (21) PCT/US01/43445
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) en (26) en
- (30) 60/246,251 **6 Nov/nov 2000** US
(06.11.2000)
- (30) 09/938,284 **23 Aug/août 2001** US
(23.08.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● GAS PIPELINE COMPRESSOR STATIONS WITH KALINA CYCLES®
● UNITES DE COMPRESSEUR POUR DES GAZODUCS COMPRENANT DES CYCLES KALINA
- (71) **EXERGY, INC.** [US/US]; 22320 Foothill Boulevard, Suite 540, Hayward, CA 94541 (US).
- (72) **LERNER, Yakov**; 824 Lurline Drive, Foster City, CA 94404 (US). **MIROLLI, Mark**; 445 Fairway Drive, Half Moon Bay, CA 94019 (US). **PELLETIER, Richard**; 3872 Pestana Way, Livermore, CA 94550 (US).
- (74) **YADAV, Rajiv**; McCutchen, Doyle, Brown & Enersen, LLP, Three Embarcadero Center, Suite 1800, 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F21D**
- (11) **WO 02/40917** (13) A2
- (21) PCT/US01/45289
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,182 **15 Nov/nov 2000** US
(15.11.2000)
- (30) Not furnished / non communiqué **14 Nov/nov 2001** US
(14.11.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● STRIP LIGHTING APPARATUS AND METHOD
● APPAREIL D'ECLAIRAGE EN FORME DE BANDE ET PROCÉDE
- (71) **TELEDYNE LIGHTING & DISPLAY PRODUCTS, INC.** [US/US]; 12525 Daphne Avenue, 2nd Floor, Hawthorne, CA 90250 (US).
- (72) **PELKA, David, G., Ph., D.**; 8315 Kenyon Avenue, Los Angeles, CA 90045 (US). **PARKYN, William, A.**; 25031 Neko Drive, Lomita, CA 90717 (US).
- (74) **NATAUPSKY, Steven, J.**; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th Floor, 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F21V 1/14, 1/16, 9/10, 33/00**
- (11) **WO 02/40918** (13) A1
- (21) PCT/DE01/03285
- (22) **30 Aug/août 2001 (30.08.2001)**
- (25) de (26) de
- (30) 100 57 574.9 **20 Nov/nov 2000** DE
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● LIGHTING ELEMENT
- ELEMENT D'ECLAIRAGE
- (71, 72) **KLUTH, Manfred** [DE/DE]; Herderstrasse 83a, 40721 Hilden (DE).
- (74) **ACKMANN, MENGES & DEMSKI**; Augustastraße 15, 40721 Hilden (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F21V 8/00**
- (11) **WO 02/40919** (13) A2
- (21) PCT/PL01/00091
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) P.343963 **16 Nov/nov 2000** PL
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● EDGE LIGHTED OPTICAL DEVICE
● DISPOSITIF OPTIQUE A ECLAIRAGE LATERAL
- (71, 72) **KAZMIERCZAK, Arkadiusz** [PL/PL]; ul. Gersona 9/3, PL-85-305 Bydgoszcz (PL). **DROZDOWSKI, Grzegorz** [PL/PL]; ul. B. Glowackiego 55/84, PL-85-717 Bydgoszcz (PL).
- (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F21V 29/02, 11/00**
- (11) **WO 02/40920** (13) A1
- (21) PCT/EP01/13109
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 00203994.9 **14 Nov/nov 2000** EP
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● LIGHTING SYSTEM AND LAMP-REFLECTOR UNIT
● SYSTEME D'ECLAIRAGE ET UNITE REFLECTRICE DE LAMPE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **SCHAAREMAN, Paulus, B., J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ROLFES, Johannes, G., A.**; International Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F21V 33/00**

(11) **WO 02/40921** (13) A2

(21) PCT/US01/46010

(22) **23 Oct/oct 2001 (23.10.2001)**

(25) en (26) en

(30) 60/242,484 **23 Oct/oct 2000** US
(**23.10.2000**)

(30) 60/262,022 **16 Jan/jan 2001** US
(**16.01.2001**)

(30) 60/262,153 **17 Jan/jan 2001** US
(**17.01.2001**)

(30) 60/268,259 **13 Feb/fév 2001** US
(**13.02.2001**)

(30) 60/277,911 **22 Mar/mar 2001** US
(**22.03.2001**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SYSTEMS AND METHODS FOR DIGITAL ENTERTAINEMENT

● SYSTEMES ET PROCÉDES DESTINES A UN DIVERTISSEMENT NUMÉRIQUE

(71) **COLOR KINETICS INCORPORATED** [US/US]; 10 Milk Street, Suite 1100, Boston, MA 02108 (US).

(72) **DOWLING, Kevin, J.**; 23 Village View Road, Westford, MA 01886 (US). **MUELLER, George, G.**; 234 Hanover Street, Boston, MA 02113 (US). **LYS, Ihor, A.**; 476 Beacon Street, Apartment 6, Boston, MA 02115 (US). **DAVIS, Ian, Lane**; 261 Bridges Lane, North Andover, MA 01845 (US).

(74) **GIUNTA, Richard, F.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **F21V 35/00**

(11) **WO 02/40922** (13) A1

(21) PCT/SE01/02536

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) sv (26) en

(30) 0004191-3 **16 Nov/nov 2000** SE
(**16.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ARTIFICIAL CANDLE WITH A FLEXIBLE BASE

● BOUGIE ARTIFICIELLE À BASE SOUPLE

(71, 72) **NILSSON, Eva** [SE/SE]; Laggåsen 25, S-683 91 Hagfors (SE).

(74) **HYNELL, Magnus** et al. / etc.; Hynell Patentjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (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 ES FI FR GB GR IE IT LU MC NL PT SE TR; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F23D 14/72**

(11) **WO 02/40923** (13) A1

(21) PCT/AU01/01491

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) PR 1524 **16 Nov/nov 2000** AU
(**16.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SHUT-OFF SAFETY SYSTEM AND GAS APPLIANCE INCLUDING SAME

● SYSTEME D'ARRET DE SECURITE ET APPAREIL A GAZ DOTE DE CE DERNIER

(71, 72) **GARCIA, Fernando, Teodoro** [AU/AU]; 5 Mason Street, Dandenong, Victoria 3175 (AU).

(74) **DARK, Andrew, David** et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (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 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F24C 7/02**

(11) **WO 02/40924** (13) A1

(21) PCT/CN00/00478

(22) **20 Nov/nov 2000 (20.11.2000)**

(25) zh (26) zh

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MULTIFUNCTION MICROWAVE DEVICE

● DISPOSITIF MICRO-ONDES POLYVALENT

(71, 72) **LUO, Jianhua** [CN/CN]; 19-207 Xiyuan Central South, University changsha Hunan (CN).

(74) **HUNAN PATENT AGENCY**; 135 Bayi Road, Changsha, Hunan 410001 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **F24F 5/00, E03B 3/28**

(11) **WO 02/40925** (13) A1

(21) PCT/DE01/04388

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) de (26) de

(30) 100 57 578.1 **20 Nov/nov 2000** DE
(**20.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● INSTALLATION FOR AIR CONDITIONING ROOMS AND FOR PRODUCING DRINKING WATER

● DISPOSITIF DE CLIMATISATION DE PIÉCES ET DE PRODUCTION D'EAU POTABLE

(71, 72) **HERLT, Christian** [DE/DE]; An den Buchen, 17194 Vielist (DE).

(74) **ECKNER, K.-J.** et al. / etc.; K.-J. Eckner E. Katzner & Kollegen, Brückenstrasse 14, 10179 Berlin (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F24F 7/10, E04B 9/02, F24F 13/068**

(11) **WO 02/40926** (13) A1

(21) PCT/DK01/00735

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) PA 2000 01725 **17 Nov/nov 2000** DK
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SYSTEM AND METHOD OF CLIMATE CONTROL IN A ROOM, A CEILING

FOR THIS PURPOSE AND A METHOD OF INSTALLATION OF SUCH SYSTEM

- SYSTEME ET PROCEDE DE CONTROLE CLIMATIQUE DANS UNE PIECE, PLAFOND SERVANT CET OBJECTIF ET PROCEDE D'INSTALLATION DE CE SYSTEME

(71) **A/S L. HAMMERICH & CO.** [DK/DK]; Østergaardsvej 171, Postboks 45, DK-8355 Solbjerg (DK).

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

(72, 75) **NIELSEN, Jørgen, Lange** [DK/DK]; Holmevej 163, DK-8270 Højbjerg (DK).

LAURSEN, Ejler [DK/DK]; Gærdesmuttevej 4, DK-9550 Mariager (DK). **LYNG-GAARD, Morten** [DK/DK]; Lystenlund 3, DK-8355 Solbjerg (DK). **DYRBØL, Susanne** [DK/DK]; Freerslevvej 3, DK-4690 Haslev (DK). **POULSEN, Peter, Arndrup** [DK/DK]; Snærildvej 226, DK-8300 Odder (DK).

(74) **PATENTGRUPPEN APS**; Arosgården, Aaboulevard 31, DK-8000 Aarhus C (DK).

(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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F24H 1/18**

(11) **WO 02/40927** (13) A1

(21) PCT/EP01/12710

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) de (26) de

(30) 1921/00 **15 Nov/nov 2000 AT (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • AIR HEATER WITH FUEL CELLS

- CHAUFFAGE D'AIR A PILES A COMBUSTIBLE

(71) **VALLANT GMBH** [DE/DE]; Berghauser Str. 40, 42859 Remscheid (DE).

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

(72, 75) **BERG, Joachim** [DE/DE]; Strucker Str. 54, 42850 Remscheid (DE). **AHLE, Manfred** [DE/DE]; Am Buschfelde 8, 51688 Wipperfürth (DE).

(74) **HEIM, Johann-Ludwig**; Hof Guldenwerth 40, 42857 Remscheid (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **F24H 9/20**

(11) **WO 02/40928** (13) A1

(21) PCT/EP01/12915

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) de (26) de

(30) 100 56 620.0 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • HEAT EXCHANGER FOR AN AUXILIARY AUTOMOTIVE HEATER

- ECHANGEUR THERMIQUE POUR SYSTEME DE CHAUFFAGE SUPPLEMENTAIRE DE VEHICULE

(71) **WEBASTO THERMOSYSTEME INTERNATIONAL GMBH** [DE/DE]; Krailling Strasse 5, 82131 Stockdorf (DE).

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

(72, 75) **HABIJANEC, Stephan** [DE/DE]; Beethovenstrasse 4, 82152 Krailling (DE).

(74) **WIESE, Gerhard**; Wiese & Konnerth, Georgenstrasse 6, 82152 Planegg (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F25B**

(11) **WO 02/40929** (13) A2

(21) PCT/US01/51295

(22) **16 Oct/oct 2001 (16.10.2001)**

(25) en (26) en

(30) 09/691,436 **18 Oct/oct 2000 US (18.10.2000)**

(30) 09/844,295 **25 Apr/avr 2001 US (25.04.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • EVACUATED SORBENT ASSEMBLY AND COOLING DEVICE

- ENSEMBLE DE SORBANT SOUS VIDE ET DISPOSITIF DE REFRIGERATION

(71) **THERMAL PRODUCT DEVELOPMENTS, INC.** [US/US]; 6730 San Fernando Road, Glendale, CA 91201 (US).

(72) **SMITH, Douglas**; 215 Richmond Avenue, S.E., Albuquerque, NM 87106 (US).

(74) **KRIETZMAN, Mark**; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US) et al. / etc.

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **F25D 23/00, F25B 31/02, F04D 25/02**

(11) **WO 02/40930** (13) A1

(21) PCT/EP01/13079

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) de (26) de

(30) 100 56 983.8 **17 Nov/nov 2000 DE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • FAN DRIVE FOR A COMPRESSOR PERTAINING TO A REFRIGERATING DEVICE

- DISPOSITIF DE COMMANDE D'UN VENTILATEUR POUR COMPRESSEUR D'UN APPAREIL FRIGORIFIQUE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstrasse 17, 81669 München (DE).

(72) **HOLZER, Stefan**; Bleiche 12, 89537 Giengen (DE).

(81) BR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F25D 25/02, A47B 49/00**

(11) **WO 02/40931** (13) A1

(21) PCT/TR01/00059

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 2000/03423 **17 Nov/nov 2000 TR (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • REFRIGERATOR

- REFRIGERATEUR

(71) **ARÇELİK A.S.** [TR/TR]; AR-GE Dept., E5 Ankara Asfaltı Üzeri, Tuzla, 81719 Istanbul (TR).

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

(72, 75) **ÇELİK, Ridvan, K.** [TR/TR]; c/o Arçelik A. S., E5 Ankara Asfalt Üzeri, Tuzla, 81719 Istanbul (TR).

(74) **ANKARA PATENT BUREAU LTD.**; Sehit Adem Yavuz Sokak 8/22, Kizilay, 06440 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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F26B 23/02, 17/10**

(11) **WO 02/40932** (13) A1

(21) PCT/DE01/03842

(22) **6 Oct/oct 2001 (06.10.2001)**

(25) de (26) de

(30) 100 56 459.3 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR CONDITIONING FIBROUS SUBSTANCES

• PROCEDE POUR TRAITER DES SUBSTANCES FIBREUSES

(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) **GREUBEL, Dieter** [DE/DE]; Cheruskerstrasse 35, 38112 Braunschweig (DE). **GRUBER, Timon** [DE/DE]; Hegerdorf Strasse 40, 38103 Braunschweig (DE).

(74) **GRAMM, Werner**; Gramm, Lins & Partner GBR, Theodor-Hauss-Strasse 1, 38122 Braunschweig (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(51)⁷ **F27B 21/06 // B65G 23/08**

(11) **WO 02/40933** (13) A1

(21) PCT/FI01/00994

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) fi (26) en

(30) 20002524 **17 Nov/nov 2000 FI (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR CONTINUOUSLY OPERATED BELT SINTERING

• DISPOSITIF DE FRITTAGE SUR BANDE EN CONTINU

(71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).

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

(72, 75) **TULKKI, Olavi** [FI/FI]; Ankkurikatu 7, FIN-95400 Tornio (FI).

(74) **OUTOKUMPU OYJ**; Intellectual Property Management, P.O. Box 27, FIN-02201 Espoo (FI).

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ **F28F 13/18, C23C 28/00**

(11) **WO 02/40934** (13) A1

(21) PCT/IB01/02079

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) de (26) de

(30) 100 56 242.6 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CONDENSATION HEAT-TRANSFER DEVICE

• DISPOSITIF DE TRANSFERT DE CHALEUR DE CONDENSATION

(71) **ALSTOM (SWITZERLAND) LTD** [CH/CH]; Brown Boveri Str. 7, CH-5401 Baden (CH).

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

(72, 75) **BLANGETTI, Francisco** [CH/CH]; Schartenstrasse 10, CH-5400 Baden (CH). **REISS, Harald** [DE/DE]; Reinhard-Hoppe-Str. 8, 69118 Heidelberg (DE).

(74) **PÖPPER, Evamaria** et al. / etc.; Alstom (Schweiz) AG, Intellectual Property CHSP, Haselstrasse 16/699/5.0G, CH-5401 Baden (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (q1)

(51)⁷ **G01B 7/00**

(11) **WO 02/40935** (13) A2

(21) PCT/CA01/01571

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) en (26) en

(30) 09/713.005 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NON-CONTACT MEASURING METHOD AND APPARATUS FOR PRODUCING A SIGNAL REPRESENTATIVE OF A DISTANCE BETWEEN FACING SURFACES

• PROCEDE DE MESURE SANS CONTACT ET DISPOSITIF SERVANT A PRODUIRE UN SIGNAL REPRESENTATIF D'UNE DISTANCE SEPARANT DES SURFACES OPPOSEES

(71) **HYDRO-QUEBEC** [CA/CA]; 75 boul. René-Lévesque Ouest, Montréal, Québec H2Z 1A4 (CA).

(72) **MISSOUT, Gilles**; 566 Beaumont est, Saint-Bruno, Québec J3V 2R3 (CA). **LALONDE, François**; 140 Malo, Varennes, Québec J3X 1C4 (CA). **BOURGEOIS, Jean-Marc**; 2843 Berthon, Longueuil, Québec J4M 1Y4 (CA).

(74) **ROBIC**; 55 St-Jacques, Montréal, Québec H2Y 3X2 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G01B 9/02, A61B 3/12, 5/00, G01N 21/45, G02B 23/26, G01N 21/954, G01B 11/24**

(11) **WO 02/40936** (13) A1

(21) PCT/DE01/04184

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) de (26) de

(30) 100 57 540.4 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • INTERFEROMETRIC MEASURING DEVICE

• DISPOSITIF DE MESURE INTERFÉROMÉTRIQUE

(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) **DRABAREK, Pawel** [DE/DE]; Parkstrasse 16/5, 75233 Tiefenbronn (DE).

(81) IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ G01B 9/02, 9/04

(11) WO 02/40937 (13) A1

(21) PCT/FR01/03589

(22) 15 Nov/nov 2001 (15.11.2001)

(25) fr (26) fr

(30) 00/14904 17 Nov/nov 2000 FR
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR
HIGH-SPEED INTERFERENTIAL MI-
CROSCOPIC IMAGING OF AN OBJECT
• PROCEDE ET DISPOSITIF D'IMAGE-
RIE MICROSCOPIQUE INTERFEREN-
TIELLE D'UN OBJET A HAUTE CA-
DENCE.(71) CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE [FR/FR];
3, rue Michel Ange, F-75794 Paris cedex
16 (FR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DUBOIS, Arnaud [FR/FR]; 13, rési-
dence du Bois du Roi, F-91940 Les Ulis (FR).
BOCCARA, Claude [FR/FR]; 54, rue de la
Verrerie, F-75004 Paris (FR).(74) CATHERINE, Alain et al. / etc.; Cabinet
Harle et Phelip, 7, rue de Madrid, F-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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ G01B 11/00

(11) WO 02/40938 (13) A2

(21) PCT/US01/51152

(22) 2 Nov/nov 2001 (02.11.2001)

(25) en (26) en

(30) 60/245,443 2 Nov/nov 2000 US
(02.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • HEIGHT SCANNING INTERFEROME-
TRY METHOD AND APPARATUS IN-
CLUDING PHASE GAP ANALYSIS• PROCEDE ET APPAREIL D'INTERFE-
ROMETRIE A BALAYAGE EN HAU-
TEUR COMPRENANT UNE ANALYSE
D'ECART DE PHASE(63) US 60/245,443 (CIP)
2 Nov/nov 2000 (02.11.2000)(71) ZYGO CORPORATION [US/US]; 21 Lau-
rel Brook Road, Middlefield, CT 06455-0448
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DE GROOT, Peter [US/US]; 355 Laurel
Grove Road, Middletown, CT 06457 (US).
KRAMER, James, W. [US/US]; 9 Robin
Hill Road, Waterford, CT 06385 (US).(74) PRAHL, Eric, L.; Fish & Richardson P.C.,
225 Franklin Street, Boston, MA 02110-2804
(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ G01B 11/24, 5/20, 7/28, G01M 11/02

(11) WO 02/40939 (13) A1

(21) PCT/GB01/03903

(22) 30 Aug/août 2001 (30.08.2001)

(25) en (26) en

(30) 0028148.5 17 Nov/nov 2000 GB
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • FIXTURE FOR CENTERING AN OPH-
THALMIC LENS• DISPOSITIF FIXE SERVANT A CEN-
TRER UNE LENTILLE OPHTHALMIQUE(71) BAUSCH & LOMB UK LTD. [GB/GB];
106 London Road, Kingston-Upon-Thames,
Surrey KT2 6TN (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BOYD, Colin [GB/GB]; 37 Portland
Place, Fauldhouse, West Lothian EH47
9DF (GB). LIVINGSTON, Neil, David
[GB/GB]; 10 Lennox Gardens, Linlithgow,
West Lothian EH49 7QA (GB). MCKEN-
ZIE, Graham, Alexander [GB/GB]; 23
Martin Brae, Ladywell West, Linlithgow,
West Lothian EH54 6OR (GB). PICOZZI,
Gerard, Michael [GB/GB]; 9 Bowling
Street, Blairhill, Coatbridge ML5 1PP (GB).(74) STEVENSON, Thomas [GB/GB]; 22 Nid-
dry Road, Winchburgh, West Lothian EH52
6RX (GB).(74) BOWMAN, Paul, Alan; Lloyd Wise,
Tregear & Co., Commonwealth House, 1-19
New Oxford Street, London WC1A 1LW
(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 NO NZ PL PT RO RU SD SE
SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ G01B 11/24, 11/25, G06T 7/00

(11) WO 02/40940 (13) A1

(21) PCT/NL01/00818

(22) 12 Nov/nov 2001 (12.11.2001)

(25) nl (26) en

(30) 1016617 15 Nov/nov 2000 NL
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR
DETERMINING THE THREE-DIMEN-
SIONAL SHAPE OF AN OBJECT• APPAREIL ET PROCEDE DE DETER-
MINATION DE LA FORME TRIDIMEN-
SIONNELLE D'UN OBJET(71) TECHNISCHE UNIVERSITEIT DELFT
[NL/NL]; Julianalaan 134, NL-2628 BL Delft
(NL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VERBEEK, Pieter, Wilhelms
[NL/NL]; Populierenlaan 10, NL-2631
HW Nootdorp (NL). MEENS, Bernadus,
Conrad, Hubertus, Antonius [NL/NL];
Buizwnwerf 211, NL-3063 AE Rotterdam
(NL). YOUNG, Ian, Theodore [NL/NL];
Park Vronesteyn 28, NL-2271 HS Voorburg
(NL).(74) VAN BREDA, Jacques; Octrooibureau Los
en Stigter B.V., Weteringschans 96, NL-1017
XS Amsterdam (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 NO NZ PL PT RO RU SD
SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ G01B 21/20, A43D 1/02

(11) WO 02/40941 (13) A1

(21) PCT/JP00/08056

(22) 15 Nov/nov 2000 (15.11.2000)

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • FOOTPRINT INFORMATION DIS-
TRIBUTING SYSTEM• SYSTÈME DE DISTRIBUTION D'IN-
FORMATIONS D'EMPREINTES DE
PIED(71) JAPAN as represented by SECRETARY
OF AGENCY OF INDUSTRIAL SCI-
ENCE AND TECHNOLOGY [JP/JP]; 3-1,
Kasumigaseki 1-chome, Chiyoda-ku, Tokyo
100-8921 (JP). I-WARE LABORATORY
CO., LTD. [JP/JP]; Osaka WTC Building,
18th Floor, 14-16, Nanko-kita 1-chome, Sum-
inoe-ku, Osaka-shi, Osaka 559-0034 (JP).(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) **MOCHIMARU, Masaaki** [JP/JP]; National Institute of Bioscience and Human-Technology, Agency of Industrial Science and Technology, 1-3, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP). **KOUCHI, Makiko** [JP/JP]; National Institute of Bioscience and Human-Technology, Agency of Industrial Science and Technology, 1-3, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP). **KIMURA, Koza** [JP/JP]; 12-25, Imamiya 4-chome, Minoo-shi, Osaka 562-0033 (JP). **UTSUMI, Tsuneaki** [JP/JP]; I-Ware Laboratory Co., Ltd., Osaka WTC Building, 18th Floor, 14-16, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-0034 (JP).
- (74) **TSUJIMOTO, Kazuyoshi** et al. / etc.; Tsujimoto Patent Office, Nice-One Building, 6-20, Ueshio 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0064 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G01C 21/36**
- (11) **WO 02/40942** (13) A1
- (21) PCT/JP01/08342
- (22) **26 Sep/sep 2001 (26.09.2001)**
- (25) en (26) en
- (30) 2000-346694 **14 Nov/nov 2000** JP
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DISPLAY APPARATUS AND METHOD FOR AUTOMOTIVE VEHICLE
- APPAREIL ET PROCEDE D’AFFICHAGE POUR VEHICULE AUTOMOBILE
- (71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KATO, Kazuhito** [JP/JP]; 3-1-B-606, Kawabe-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0001 (JP). **KITAZAKI, Satoshi** [JP/JP]; 2-15-12, Kajigaya, Sakae-ku, Yokohama-shi, Kanagawa 247-0009 (JP). **NAKAJI, Yoshiharu** [JP/JP]; 2-41-74, Mutsukawa, Minami-ku, Yokohama-shi, Kanagawa 232-0066 (JP). **HIJIKATA, Shunsuke** [JP/JP]; 3-186-1-507, Negishi-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0836 (JP). **HIRAO, Akinari** [JP/JP]; 52-17-C-102, Kawakami-cho, Totuka-ku, Yokohama-shi, Kanagawa 244-0805 (JP).
- (74) **SHIGA, Fujiya**; c/o Shiga Patent Office, Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **G01C 23/00**
- (11) **WO 02/40943** (13) A2
- (21) PCT/US01/45311
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/715,744 **18 Nov/nov 2000** US
(18.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS AND APPARATUS FOR INTEGRATING, ORGANIZING, AND ACCESSING FLIGHT PLANNING AND OTHER DATA ON MULTIFUNCTION COCKPIT DISPLAYS
- PROCEDE ET APPAREIL PERMETTANT D’INTEGRER ET D’ORGANISER LES DONNEES DE PLAN DE VOL ET D’AUTRES DONNEES ET D’ACCEDER A CELLES-CI SUR DES ECRANS D’HABITACLE MULTIFONCTIONS
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **GIBBS, Michael, J.**; 15809 North 8th Place, Phoenix, AZ 85022 (US). **MCCROBIE, Daniel, E.**; 10591 East Autumn Sage Drive, cottsdale, AZ 85259 (US). **LEWIS, Daniel, E.**; 5353 Whispering Wind Drive, Glendale, AZ 85310 (US). **CHASE, Karl, L.**; 4335 W. Villa Rita Drive, Glendale, AZ 85308 (US). **ADAMS, Michael, B.**; 5419 E. Corrine Drive, Scottsdale, AZ 85254 (US). **VAN OMEN, Debi**; 7629 East Phantom Way, Scottsdale, AZ 85255 (US).
- (74) **ROGER, H., Criss, Esq.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01D 5/16, G01B 7/34, G11B 9/00**
- (11) **WO 02/40944** (13) A1
- (21) PCT/IB01/01689
- (22) **17 Sep/sep 2001 (17.09.2001)**
- (25) en (26) en
- (30) 00124998.6 **16 Nov/nov 2000** EP
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR READING AN ARRAY OF THERMAL RESISTANCE SENSORS
- PROCEDE ET APPAREIL PERMETTANT DE LIRE UN RESEAU DE CAPTEURS DE RESISTANCE THERMIQUE
- (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) **BINNIG, Gerd, K.** [DE/CH]; Felsenstrasse 72, CH-8832 Wollerau (CH). **DÜRIG, Urs, T.** [CH/CH]; Alte Landstrasse 89, CH-8803 Rueschlikon (CH).
- (74) **WILLIAMS, Julian, David**; International Business Machines Corporation, Saeumerstrasse 4, CH-8803 Rueschlikon (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01D 5/244, G01B 7/30, B62D 15/02**
- (11) **WO 02/40945** (13) A1
- (21) PCT/EP01/12394
- (22) **26 Oct/oct 2001 (26.10.2001)**
- (25) de (26) de
- (30) 100 56 604.9 **15 Nov/nov 2000** DE
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR EVALUATING A SIGNAL IN AN OPTOELECTRONIC DISTANCE OR ANGLE MEASURING DEVICE AND USE OF SAID METHOD
- PROCEDE D’INTERPRETATION DE SIGNAUX ISSUS D’UN DISPOSITIF OPTOELECTRONIQUE DE MESURE DE TRAJECTOIRE ET D’ANGLE, ET MISE EN OEUVRE D’UN PROCEDE DE CE TYPE
- (71) **LEOPOLD KOSTAL GMBH & CO. KG** [DE/DE]; Wiesenstr. 47, 58507 Lüdenscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLÄSING, Frank** [DE/DE]; Kurze Str. 15, 59457 Werl (DE). **SCHIRP, Christian** [DE/DE]; Achtermannstrasse 1, 44866 Bochum (DE).
- (74) **KERKMANN, Detlef**; Leopold Kostal GmbH & Co. KG, Wiesenstr. 47, D-58507 Lüdenscheid (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ **G01D 5/347**
- (11) **WO 02/40946** (13) A1
- (21) PCT/EP01/12393
- (22) **26 Oct/oct 2001 (26.10.2001)**
- (25) de (26) de
- (30) 100 56 605.7 **15 Nov/nov 2000** DE
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)

- (54) • METHOD FOR EVALUATING THE SIGNALS OF AN OPTOELECTRONIC DISPLACEMENT OR ANGLE MEASURING DEVICE AND IMPLEMENTATION OF SAID METHOD
- PROCEDE D'INTERPRETATION DE SIGNAUX D'UN DISPOSITIF OPTOELECTRONIQUE DE MESURE DE TRAJECTOIRE ET D'ANGLE, ET MISE EN OEUVRE D'UN PROCEDE DE CE TYPE
- (71) **LEOPOLD KOSTAL GMBH & CO. KG** [DE/DE]; Patentabteilung, Wiesenstrasse 47, 58507 Lüdenscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLÄSING, Frank** [DE/DE]; Kurze Strasse 15, 59457 Werl (DE). **SCHIRP, Christian** [DE/DE]; Achtermannstrasse 1, 44866 Bochum (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c), (q1)
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- (51)⁷ **G01D 5/347**
- (11) **WO 02/40947** (13) A1
- (21) PCT/EP01/12993
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) de (26) de
- (30) 100 56 947.1 **17 Nov/nov 2000 DE (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • POSITION MEASURING SYSTEM AND METHOD FOR THE ASSEMBLY THEREOF
- SYSTEME DE MESURE DE POSITION ET PROCEDE DE MONTAGE Y RELATIF
- (71) **OPTOLAB LICENSING GMBH** [DE/DE]; Claus-Ferck-Strasse 5, 22359 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FREITAG, Hans-Joachim** [DE/DE]; Lindenhöhe 16, 07749 Jena (DE). **FRANZ, Heinz-Günther** [DE/DE]; Diekkamp 26, 22359 Hamburg (DE). **SCHMIDT, Andreas** [DE/DE]; Boyneburgufer 7, 99089 Erfurt (DE).
- (74) **BREIT, Ulrich** et al. / etc.; Geyer, Fehners & Partner, Perhamerstrasse 31, 80687 München (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **G01F 1/66, G01P 5/24**
- (11) **WO 02/40948** (13) A1
- (21) PCT/SE01/02541
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) sv (26) en
- (30) 0004219-2 **15 Nov/nov 2000 SE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FLOW VELOCITY METER
- VISCOSIMETRE DE FLUX
- (71, 72) **STRÖMBERG, Per-Åke** [SE/SE]; Sörömåsen 4425, S-820 11 Vallsta (SE).
- (74) **BERGENSTRÄHLE & LINDVALL AB**; Box 17704, S-118 93 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G01F 23/00**
- (11) **WO 02/40949** (13) A2
- (21) PCT/EP01/13566
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) fr (26) fr
- (30) 00/14946 **20 Nov/nov 2000 FR (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR ESTIMATING FUEL VOLUME IN A MOTOR VEHICLE TANK
- PROCEDE D'ESTIMATION DU VOLUME DE CARBURANT DANS UN RESERVOIR DE VEHICULE AUTOMOBILE
- (71) **INERGY AUTOMOTIVE SYSTEMS MANAGEMENT (SOCIÉTÉ ANONYME)** [FR/FR]; 18, rue de Calais, F-75009 PARIS (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BENEDETTI, Nicolas** [FR/FR]; 6, square de l'Hippodrome, Avenue Francis Chaveton, F-92210 Saint-Cloud (FR).
- (74) **DECAMPS, Alain** et al. / etc.; SOLVAY (Société Anonyme), Département de la Propriété Intellectuelle, Rue de Ransbeek, 310, B-1120 BRUXELLES (BE).
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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*
- (u) for / pour US only / seulement*
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- (51)⁷ **G01F 23/296**
- (11) **WO 02/40950** (13) A1
- (21) PCT/EP01/13106
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) de (26) de
- (30) 100 56 353.8 **14 Nov/nov 2000 DE (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR MEASURING LEVELS
- PROCEDE ET DISPOSITIF DE MESURE DE NIVEAU
- (71) **VEGA GRIESHABER KG** [DE/DE]; Am Hohnstein 113, 77761 Schiltach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAFFALT, Felix** [DE/DE]; Am Bühlhof 10, 77756 Hausach (DE). **FRICK, Adrian** [DE/DE]; Obere Bahnhofstrasse 4, 77709 Wolfach (DE).
- (74) **WESTPHAL, MUSSGNUMG & PARTNER**; Waldstrasse 33, 78048 Villingen-Schwenningen (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G01J**
- (11) **WO 02/40951** (13) A2
- (21) PCT/US01/48163
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) en (26) en
- (30) 09/699,702 **30 Oct/oct 2000 US (30.10.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • HEMISPHERICAL DETECTOR
• DETECTEUR HEMISPHERIQUE
- (71) **EURO-CELIQUE, S.A.** [LU/LU]; 122, boulevard de la Petrusse, L-2330 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CIURCZAK, W., Emil** [US/US]; 77 Park Road, Goldens Bridge, NY 10526 (US).
BYNUM, C., Kevin [US/US]; 470 North Broadway, #A22, Yonkers, NY 10701 (US).
- (74) **DAVIDSON, Clifford, M.** et al. / etc.; Davidson, Davidson & Kappel, LLC, 14th Floor, 485 Seventh Avenue, New York- NY 10018 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/45**
- (11) **WO 02/40952** (13) A1
- (21) PCT/US00/31429
- (22) **15 Nov/nov 2000 (15.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LASER WAVELENGTH METER
• BANC DE MESURE DE LONGUEUR D'ONDE LASER
- (71) **BURLEIGH INSTRUMENTS, INC.** [US/US]; 7647 Main Street, P.O. Box E, Fishers, NY 14453 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GORNALL, William, S.** [US/US]; 2 Saddle Ridge Trail, Fairport, NY 14450 (US).
HOUK, Michael, T. [US/US]; 77 Squirrels Heath, Fairport, NY 14450 (US).
- (74) **LUKACHER, Martin;** c/o Gornall, William, S., Burleigh Instruments, Inc., 7647 Main Street, Fishers, NY 14453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 4/00, G02B 21/00**
- (11) **WO 02/40953** (13) A1
- (21) PCT/HU01/00116
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) P0004571 **17 Nov/nov 2000 HU (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR DETERMINING THE POLARIZATION PROPERTIES OF LIGHT EMITTED, REFLECTED OR TRANSMITTED BY A MATERIAL USING A LASER SCANNING MICROSCOPE
• PROCEDE ET APPAREIL POUR DETERMINER LES PROPRIETES DE POLARISATION DE LA LUMIERE EMISE, REFLECHIE OU TRANSMISE PAR UN MATERIAU AU MOYEN D'UN MICROSCOPE A BALAYAGE LASER
- (71) **CARL ZEISS JENA GMBH** [DE/DE]; Carl Zeiss Promenade 10, 07745 Jena (DE).
MAGYAR TUDOMÁNYOS AKADÉMIA SZEGEDI BIOLÓGIAI KÖZPONT [HU/HU]; Temesvári krt. 62, H-6726 Szeged (HU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GARAB, Győző** [HU/HU]; Dózsa Gy. u. 7, H-6720 Szeged (HU).
POMOZI, István [HU/HU]; Dagály u. 5, H-1138 Budapest (HU).
WEISS, Georg [DE/DE]; St.-Jacob-Str. 22, 07743 Jena (DE).
JÖRGENS, Reinhard [DE/DE]; Tannweilerstr. 9, 73550 Waldstetten (DE).
- (74) **S.B.G. & K.**; Andrassy út 113, H-1062 Budapest (HU).
- (81) JP US.
- Published / Publiée : (c)
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- (51)⁷ **G01J 5/20**
- (11) **WO 02/40954** (13) A1
- (21) PCT/US01/31787
- (22) **10 Oct/oct 2001 (10.10.2001)**
- (25) en (26) en
- (30) 09/713,043 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • REFERENCE BOLOMETER AND ASSOCIATED FABRICATION METHODS
• BOLOMETRE DE REFERENCE ET PROCEDES DE FABRICATION ASSOCIES
- (71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).
- (72) **BROOD, Ronald, Lemuel;** 2860 Treeview Place, Fullerton, CA 92835 (US).
- (74) **GALBRAITH, Ann, K.;** The Boeing Company, P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01L 9/06**
- (11) **WO 02/40955** (13) A2
- (21) PCT/US01/45308
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/715,480 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • TRANSDUCER PACKAGING ASSEMBLY FOR USE IN SENSING UNIT SUBJECTED TO HIGH G FORCES
• ENSEMBLE BOITIER POUR TRANSDUCTEUR UTILISE DANS UNE UNITE CAPTEUR SOUMISE A DES FORCES G ELEVEES
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **STRATTON, Thomas, G.;** 3000 Sandy Hook Drive, Roseville, MN 55113 (US).
MALLISON, Edgar, R.; 15808 Post Road, Wayzata, MN 55391 (US).
ESPINOSA, Frank, F.; 602 Misty Creek Drive, Richmond, TX 77469 (US).
CIGLENEC, Reinhard; 622 Frey Road, Katy, TX 77450 (US).
BODIN, Joel, J.; 8655 Flamingo Drive, Chanhassen, MN 55317 (US).
BENDER, Terrence, D.; 285 Ridgeview Circle, Hamel, MN 55340 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G01L 19/04, 1/10, 7/08, 23/08**
- (11) **WO 02/40956** (13) A1
- (21) PCT/CH01/00650
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) de (26) de
- (30) 2223/00 **15 Nov/nov 2000 CH (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • RESONATOR CHIP SENSOR FOR PRESSURE AND FORCE WITH MECHANICALLY SEPARATE PARTIAL REGIONS (SLOTS) AND A SOFT MEMBRANE
• CAPTEUR DE PRESSION ET DE FORCE PRESENTANT UNE PUCE A RESONATEUR, DES PARTIES MECANIQUEMENT SEPARÉES (FENTES) ET UNE MEMBRANE SOUPLE
- (71) **K.K. HOLDING AG** [CH/CH]; Eulachstrasse 22, CH-8408 Winterthur (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CAVALLONI, Claudio** [CH/CH]; Rosenstrasse 63, CH-8105 Regensdorf (CH).

GNIELKA, Marco [CH/CH]; Bachtelstrasse 72, CH-8400 Winterthur (CH). **HAUEIS, Martin** [DE/US]; Apartment 28, 26 Locust Drive, Summit, NJ 07901 (US).

(81) JP US.

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **G01L 19/06, 19/14**

(11) **WO 02/40957** (13) A1

(21) PCT/EP01/13112

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) de (26) de

(30) 00124299.9 **15 Nov/nov 2000 EP (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • PRESSURE SENSOR AND METHOD FOR MOUNTING THE SAME

• CAPTEUR DE PRESSION ET SON PROCEDE DE MONTAGE

(71) **ENDRESS + HAUSER GMBH + CO. KG** [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).

(72) **FLÖGEL, Karl**; Blasistrasse 42, 79650 Schopfheim (DE). **BURCZYK, Dietfried**; Moldaustasse 20, 14513 Teltow (DE). **VELTEN, Thomas**; Kreuzmattstrasse 3d, 79664 Wehr (DE). **KASTNER, Bernd**; Wiesenweg 5, 79650 Schopfheim (DE). **WOEST, Wolfgang**; Theresienstrasse 11a, 79618 Rheinfelden (DE).

(74) **ANDRES, Angelika**; Endress + Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G01M 3/28**

(11) **WO 02/40958** (13) A1

(21) PCT/DE01/04190

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) de (26) de

(30) 100 57 287.1 **17 Nov/nov 2000 DE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR TESTING THE IMPERMEABILITY OF A SEALING ASSEMBLY OF PIPES OR SHAFT CONSTRUCTIONS

• DISPOSITIF DE CONTROLE DE L'ETANCHEITE D'UN SYSTEME D'ETANCHEITE DE TUYAUX OU DE CONSTRUCTIONS A PUITES

(71) **PHOENIX AG** [DE/DE]; Hannoversche Strass 88, 21079 Hamburg (DE).

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

(72, 75) **FAERBER, Peter** [DE/DE]; Bergstrasse 5, 51371 Leverkusen (DE). **HÖFT, Heiko** [DE/DE]; Haidkoppel 20b, 21435 Rosengarten (DE). **SCHLAUTMANN, Frank** [DE/DE]; Kampstrasse 1, 48147 Münster (DE).

(81) AU CA CN CZ HU JP PL RU SK US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G01M 7/00, G01N 29/04, 17/00**

(11) **WO 02/40959** (13) A1

(21) PCT/JP01/09742

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) ja (26) ja

(30) 2000-351879 **17 Nov/nov 2000 JP (17.11.2000)**

(30) 2001-68078 **12 Mar/mar 2001 JP (12.03.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR ACOUSTIC DIAGNOSIS AND MEASUREMENT BY PULSE ELECTROMAGNETIC FORCE

• DISPOSITIF ET PROCEDE DE MESURE ET DE DIAGNOSTIC ACOUSTIQUES AU MOYEN D'UNE FORCE ELECTROMAGNETIQUE PULSEE

(71) **AMIC CO.,LTD.** [JP/JP]; 4-6-10, Tsurumichuo, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0051 (JP).

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

(72, 75) **HASHIMOTO, Mitsuo** [JP/JP]; 4-1-1-1-14, Hashimoto-dai, Sagami-hara-shi, Kanagawa 229-1132 (JP). **TAKANABE, Masanori** [JP/JP]; 18-53-202, Higashit-eraohigashidai, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0018 (JP).

(74) **HIRAYAMA, Kazuyuki**; 6th Floor, Shinjuku-kyoen Bldg., 3-10, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022 (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 EE ES FI GB GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01M 17/00, 19/00, G06F 11/00**

(11) **WO 02/40960** (13) A1

(21) PCT/US01/32529

(22) **18 Oct/oct 2001 (18.10.2001)**

(25) en (26) en

(30) 09/712,601 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • POPULATION DATA ACQUISITION SYSTEM

• SYSTEME D'ACQUISITION DE DONNEES DE POPULATION

(71) **DETROIT DIESEL CORPORATION** [US/US]; 13400 Outer Drive, West, Detroit, MI 48239-4001 (US).

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

(72, 75) **MCKENZIE, Ian, D.** [US/US]; 7005 Foxcreek Drive, Canton, MI 48187 (US). **LONGNECKER, John, E.** [US/US]; 14375 Hubbard, Livonia, MI 48154 (US).

(74) **HEINL, Kevin, J.** et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N**

(11) **WO 02/40961** (13) A2

(21) PCT/IB01/02763

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 0027904.2 **15 Nov/nov 2000 GB (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • OPTICAL DETECTION OF PARTICLES IN A LIQUID MEDIUM

• DETECTION OPTIQUE DE PARTICULES DANS UN MILIEU LIQUIDE

(71) **RUSTECK LTD.** [—/—]; P.O. Box 301, Queen's House, Don Road, St. Helier, Jersey JE4 8UQ (GB).

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

(72, 75) **RASTOPOV, Stanislav** [RU/RU]; Flat 161, Building 2, Ostrovitjanova Street, 30, Moscow, 117321 (RU).

(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 GE GH GM HR HU ID 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N**

(11) **WO 02/40962** (13) A2

(21) PCT/US01/43774

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

- (30) 60/248,984 **15 Nov/nov 2000** US
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS AND REAGENTS TO REDUCE BACKGROUNDS OF HETEROGENEOUS ASSAYS
• PROCEDES ET REACTIFS PERMETTANT DE REDUIRE LES ACTIVITES DE FOND DE DOSAGES BIOLOGIQUES HETEROGENES
- (71) **BENCHMARK SCIENCE, INC.** [US/US]; 300 Bedford Street, Suite 431, Manchester, NH 03101 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRADLEY, David, W.** [US/US]; 575 Beech Street, Manchester, NH 03104 (US).
- (74) **RESNICK, David, S.;** Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (US).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N**
- (11) **WO 02/40963** (13) A2
- (21) PCT/US01/49948
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) en (26) en
- (30) 60/242,906 **24 Oct/oct 2000** US
(24.10.2000)
- (30) 09/939,505 **24 Aug/août 2001** US
(24.08.2001)
- (30) Not furnished / **23 Oct/oct 2001** US
non communiqué (23.10.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • BIOLOGICALLY ACTIVE COMPOSITES AND METHODS FOR THEIR PRODUCTION AND USE
• COMPOSITES BIOLOGIQUEMENT ACTIFS ET PROCEDES DE PRODUCTION ET D'UTILISATION CORRESPONDANTS
- (71) **VITA SPECIAL PURPOSE CORPORATION** [US/US]; Suite 900, 300 Delaware Avenue, Wilmington, DE 19801 (US).
- (72) **MARX, Jeffrey, G.;** 9 Edgewood Drive, Downingtown, PA 19335 (US). **ERBE, Erik, M.;** 1247 Berwyn-Paoli Road, Berwyn, PA 19312 (US).
- (74) **CALDWELL, John, W.** 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ **G01N 1/22**
- (11) **WO 02/40964** (13) A1
- (21) PCT/US00/30138
- (22) **14 Nov/nov 2000 (14.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • AUTOMATED SEQUENTIAL GAS SAMPLING SYSTEM
• SYSTÈME AUTOMATIQUE D'ÉCHANTILLONNAGE SÉQUENTIEL DES GAZ
- (71) **EAI CORPORATION** [US/US]; Suite J, 1308 Continental Drive, Abingdon, MD 21009 (US).
- (72) **MENGEL, R., William;** 1200 Forestville Drive, Great Falls, VA 22066 (US). **ALBRO, Thomas, G.;** 1907 Hamlet Place, Bel Air, MD 21015 (US). **BERENDS, John, C., Jr.;** 616 Ponderosa Drive, Bel Air, MD 21014 (US). **MARSHALL, Robert, S.;** 6191 South Steamboat Way, New Market, MD 21774 (US). **SLOOP, Christopher, D.;** 305 Thornberry Court, Mt. Airy, MD 21771 (US).
- (74) **SHUBERT, Roland, H.;** P.O. Box 2339, Reston, VA 20195-0339 (US).
- (81) AU CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N 3/00**
- (11) **WO 02/40965** (13) A2
- (21) PCT/US01/44129
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/715,371 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MATERIAL TESTING MACHINE WITH DUAL TEST SPACE AND INTEGRAL AXISYMMETRIC TRIAXIAL MEASUREMENT SYSTEM
• DISPOSITIF D'ESSAI DE MATERIAUX AVEC ESPACE D'ESSAI DOUBLE ET SYSTEME DE MESURE TRIAXIAL AXISYMETRIQUE INTEGRE
- (71, 72) **CROCKFORD, William** [US/US]; 13066 South Downling Road, College Station, TX 77845 (US).
- (74) **SLAVIN, Michael, A.;** McHale & Slavin, P.A., Suite 402, 4440 PGA Boulevard, Palm Beach Gardens, FL 33410 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/00**
- (11) **WO 02/40966** (13) A2
- (21) PCT/US01/50944
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) en (26) en
- (30) 09/712,034 **14 Nov/nov 2000** US
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPRESSION TEST METHOD AND APPARATUS FOR DETERMINING GRANULE STRENGTH
• PROCEDE ET APPAREIL DE TEST DE COMPRESSION PERMETTANT DE DETERMINER LA RESISTANCE DE GRANULES
- (71) **GENENCOR INTERNATIONAL, INC.** [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEEKMAN, Willem, J.** [NL/NL]; Oceaapad 16, NL-Delft (NL). **MEESTERS, Gabriel, M., H.** [NL/NL]; Hof van Saffier 9, NL-2614 TJ Delft (NL). **SCARLETT, Brian** [NL/NL]; Oranjebuitensingel 14, NL-2511 VE The Hague (NL).
- (74) **CASTANEDA, Janet, Kaiser;** Genencor International, Inc., 925 Page Mill Road, 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01N 15/14, 21/27, 21/85, 33/02**
- (11) **WO 02/40967** (13) A1
- (21) PCT/SE01/02521
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 0004235-8 **17 Nov/nov 2000** SE
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A METHOD AND DEVICE FOR RECORDING IMAGES OF GRAINS FROM CEREALS TO DETECT CRACKING
• PROCEDE ET DISPOSITIF D'ENREGISTREMENT D'IMAGES DE GRAINS DE CEREALES POUR DETECTER L'ECLATEMENT

(71) **FOSS TECATOR AB** [SE/SE]; Box 70, S-263 21 Höganäs (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEIDE, Erland** [SE/SE]; Örtagårdsgatan 52, S-254 50 Helsingborg (SE).
WIHLBORG, Nils [SE/SE]; Föreningsgatan 3, S-252 38 Helsingborg (SE).
WEDELSBÄCK, Håkan [SE/SE]; Kamomillgatan 23, S-262 52 Ängelholm (SE).
JONASSON, Tomas [SE/SE]; O D Krooksgatan 21, S-252 44 Helsingborg (SE).
YLIKANGAS, Roger [SE/SE]; Hofverbergsgatan 11, S-254 43 Helsingborg (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G01N 15/14, 33/02, 21/85, 21/27**

(11) **WO 02/40968** (13) A1

(21) PCT/SE01/02522

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0004234-1 **17 Nov/nov 2000 SE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR OPTICAL MEASUREMENT OF SMALL PARTICLES SUCH AS GRAINS FROM CEREALS AND LIKE CROPS

• DISPOSITIF ET PROCÉDE DE MESURE OPTIQUE DE PARTICULES TELLES QUE DES GRAINS DE CÉRÉALES ET DE CULTURES SIMILAIRES

(71) **FOSS TECATOR AB** [SE/SE]; Box 70, S-263 21 Höganäs (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEIDE, Erland** [SE/SE]; Örtagårdsgatan 52, S-254 50 Helsingborg (SE).
WIHLBORG, Nils [SE/SE]; Föreningsgatan 3, S-252 38 Helsingborg (SE).
WEDELSBÄCK, Håkan [SE/SE]; Kamomillgatan 23, S-262 52 Ängelholm (SE).
JONASON,

Tomas [SE/SE]; O D Krooksgatan 21, S-254 44 Helsingborg (SE).
YLIKANGAS, Roger [SE/SE]; Hofverbergsgatan 11, S-254 43 Helsingborg (SE).
HANSSON, Peter [SE/SE]; Verkstadsgatan 22, 4tr, S-117 36 Stockholm (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G01N 19/06, 33/36**

(11) **WO 02/40969** (13) A1

(21) PCT/SE01/02378

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) sv (26) en

(30) 0004214-3 **16 Nov/nov 2000 SE (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND ARRANGEMENT FOR MEASURING LINTING OF FIBROUS MATERIALS

• PROCÉDE ET DISPOSITIF DE MESURE DU PELUCHAGE DE MATIÈRES FIBREUSES

(71) **SCA HYGIENE PRODUCTS AB** [SE/SE]; S-405 03 Göteborg (SE).

(72) **STRANDQVIST, Mikael**; Dälavägen 87, S-437 36 Lindome (SE).

(74) **ALBIHNS STOCKHOLM AB**; P.O. Box 5581, S-114 85 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G01N 21/00**

(11) **WO 02/40970** (13) A1

(21) PCT/US01/43997

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/249,000 **15 Nov/nov 2000 US (15.11.2000)**

(30) 60/297,660 **12 Jun/juin 2001 US (12.06.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • OPTICAL METHOD AND APPARATUS FOR INSPECTING LARGE AREA PLANAR OBJECTS

• PROCÉDE ET DISPOSITIF OPTIQUE D'EXAMEN D'OBJETS PLANS DE GRANDE SUPERFICIE

(71) **REAL TIME METROLOGY, INC.** [US/US]; 6712 Preston Avenue, Suite A, Livermore, CA 94550 (US).

(72) **RAO, Nagaraja, P.**; 2 Elm Street, #202, San Carlos, CA 94070 (US).
KINNEY, Patrick, D.; 16130 Berkshire Drive, San Leandro, CA 94578 (US).

(74) **BRUSH, David, D.** et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600, International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G01N 21/49**

(11) **WO 02/40971** (13) A1

(21) PCT/DK01/00753

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) PA200001710 **15 Nov/nov 2000 DK (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR DETERMINATION OF OPTICAL PARAMETERS OF TURBID MEDIA AND USE THEREOF

• PROCÉDE ET APPAREIL PERMETTANT DE DETERMINER DES PARAMETRES OPTIQUES DE FLUIDE TROUBLE ET UTILISATION ASSOCIEE

(71) **BANG & OLUFSEN MEDICOM A/S** [DK/DK]; Bødkervej 2, DK-7600 Struer (DK).

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

(72, 75) **DAM, Jan, Sørensen** [DK/SE]; Lundavägen 42a, S-212 19 Malmö (SE).
PEDERSEN, Carsten, Bitsch [DK/DK]; Struerdalvej 50, DK-7600 Struer (DK).

- (74) **HOFMAN-BANG ZACCO A/S**; Hans Bekkevolds Alle 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G01N 21/64, 21/77**

- (11) **WO 02/40972** (13) A1
(21) PCT/DE01/04362
(22) **17 Nov/nov 2001 (17.11.2001)**
(25) de (26) de
(30) 100 58 579.5 **18 Nov/nov 2000 DE (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • DEVICE AND METHOD FOR OPTICALLY MEASURING THE CONCENTRATION OF A SUBSTANCE
• DISPOSITIF ET PROCEDE DE MESURE OPTIQUE DE LA CONCENTRATION D'UNE SUBSTANCE

(71) **SENTRONIC GMBH GESELLSCHAFT FÜR OPTISCHE MESSSYSTEME** [DE/DE]; Gostritzer Strasse 61-63, 01217 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MADER, Lutz** [DE/DE]; Altkaitz 8, 01217 Dresden (DE). **BÖHME, Thomas** [DE/DE]; Hauptstrasse 63, 01833 Dür-röhrsdorf-Dittersbach (DE). **LAU, Matthias** [DE/DE]; Blasewitzer Strasse 22, 01307 Dresden (DE). **KÜNZELMANN, Ulrich** [DE/DE]; Lockwitzer Strasse 37, 01217 Dresden (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Gostritzer Str. 61-63, 01217 Dresden (DE).

(81) AU CA CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G01N 21/64**

- (11) **WO 02/40973** (13) A2
(21) PCT/EP01/13129
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) de (26) de
(30) 100 56 768.1 **14 Nov/nov 2000 DE (14.11.2000)**
(30) 100 56 770.3 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR MEASURING PROPERTIES OF A SAMPLE

- PROCEDE ET DISPOSITIF DE MESURE DE PROPRIETES D'UN ECHANTILLON

(71, 72) **IA BARRÉ, Stephan** [DE/DE]; Stephanstrasse 60, 10559 Berlin (DE). **VARADINEK, Patrik** [SE/DE]; Langenscheidtstrasse 5, 10827 Berlin (DE).

(72, 75) **ORSCHHEL, Benno** [DE/US]; 4240 Baret St. S, Salem, OR 97392 (US). **LA-CAYO-PINEDA, Jorge** [DE/DE]; Vor der Höhe 25, 31535 Neustadt (DE).

(74) **WEISSE, Jürgen**; Bökenbusch 41, 42555 Velbert (DE) et al. / etc.

(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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 21/64, G02B 21/00**

- (11) **WO 02/40974** (13) A2
(21) PCT/EP01/14403
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 00403238.9 **20 Nov/nov 2000 EP (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MULTI-PHOTON IMAGING INSTALLATION
• INSTALLATION D'IMAGERIE A PHOTONS MULTIPLES

(71) **INSTITUT CURIE** [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AMBLARD, François** [FR/FR]; 3, rue Laplace, F-75005 Paris (FR). **SASTRE-GARRAU, Xavier** [FR/FR]; 54, avenue de Paris, F-94300 Vincennes (FR). **ROBINE, Sylvie** [FR/FR]; 3, rue Raymond Marcheron, F-92170 Vanves (FR).

(74) **ERNEST GUTMANN-YVES PLASSER-AUD S.A.** et al. / etc.; 3, rue Chauveau-Lagarde, F-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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES

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

(51)⁷ **G01N 21/82**

- (11) **WO 02/40975** (13) A1
(21) PCT/EP01/12813
(22) **6 Nov/nov 2001 (06.11.2001)**
(25) de (26) de
(30) 100 56 718.5 **15 Nov/nov 2000 DE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • RAPID METHOD FOR DETERMINATION OF POLYCARBOXYLATES IN WATER

- PROCEDE PERMETTANT DE DETERMINER RAPIDEMENT LA TENEUR EN POLYCARBOXYLATES D'UNE EAU

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

(72) **WOLFF, Suzanne**; Bilker Allee 192, 40215 Düsseldorf (DE). **HATER, Wolfgang**; Schleheweg 16, 41564 Kaarst (DE). **SCHLAG, Michael**; Nesslerstrasse 41, 40593 Düsseldorf (DE).

(81) CZ HU PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **G01N 21/95**

- (11) **WO 02/40976** (13) A2
(21) PCT/EP01/13146
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) 00204103.6 **20 Nov/nov 2000 EP (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • INSPECTION OF SURFACES
• CONTROLE DE SURFACES

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

(72) **HENDRIKS, Robert, F., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TUKKER, Teunis, W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BAKKER, Hendrik**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G01N 21/956**

- (11) **WO 02/40977** (13) A2
(21) PCT/US01/43221
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 60/249,700 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • EVALUATION OF MICROSCOPE SLIDES

- EVALUATION DE LAMES DE MICROSCOPE
- (71) **MOLECULAR DIAGNOSTICS, INC.** [US/US]; Suite 510, 414 N. Orleans, Chicago, IL 60610 (US).
- (72) **DOMANIK, Richard, A.**; 30908 Leesley Ct., Libertyville, IL 60048-1088 (US). **BERNIER, L., Nicolas**; F-Grenoble (FR).
- (74) **BRUESS, Steven, C.**; 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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 23/00**
- (11) **WO 02/40978** (13) A2
- (21) PCT/DE01/04125
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) de (26) de
- (30) 100 53 747.2 **30 Oct/oct 2000 DE (30.10.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR THE SIMULTANEOUS DETERMINATION OF TWO FLUORESCENT EMISSIONS WITH A SINGLE LASER FLOW CYTOMETER
- PROCEDE D'ANALYSE SIMULTANEE DE DEUX EMISSIONS DE FLUORESCENCE AU MOYEN D'UN CYTOMETRE DE FLUX A LASER SIMPLE
- (71) **DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS** [DE/DE]; Im Neuheimer Feld 280, 69120 Heidelberg (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DEBATIN, Michael** [DE/DE]; Safranberg 9, 89075 Ulm (DE). **STAHNKE, Karsten** [DE/DE]; Feuerbachstrasse 7, 89312 Günzburg (DE). **HUG, Hubert** [DE/DE]; Kingerswellweg 6, D-89173 Lonsee (DE).
- (74) **SCHÜSSLER, Andrea**; Huber & Schüssler, Truderinger Str. 246, 81825 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G01N 23/00**
- (11) **WO 02/40979** (13) A2
- (21) PCT/EP01/13145
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 00204104.4 **20 Nov/nov 2000 EP (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE AND METHOD FOR THE INSPECTION OF THE CONDITION OF A SAMPLE
- DISPOSITIF ET PROCEDE PERMETTANT LE CONTROLE DE L'ETAT D'UN ECHANTILLON
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **DE BOER, Dirk, K., G.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN LOE-NEN, Evert, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BAKKER, Hendrik**; Internationaal Octroibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N 23/225, H01J 37/28**
- (11) **WO 02/40980** (13) A1
- (21) PCT/JP01/09627
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) ja (26) ja
- (30) 2000-351420 **17 Nov/nov 2000 JP (17.11.2000)**
- (30) 2000-364076 **30 Nov/nov 2000 JP (30.11.2000)**
- (30) 2000-384036 **18 Dec/déc 2000 JP (18.12.2000)**
- (30) 2000-394138 **26 Dec/déc 2000 JP (26.12.2000)**
- (30) 2001-3654 **11 Jan/jan 2001 JP (11.01.2001)**
- (30) 2001-8998 **17 Jan/jan 2001 JP (17.01.2001)**
- (30) 2001-23422 **31 Jan/jan 2001 JP (31.01.2001)**
- (30) 2001-26468 **2 Feb/fév 2001 JP (02.02.2001)**
- (30) 2001-31901 **8 Feb/fév 2001 JP (08.02.2001)**
- (30) 2001-31906 **8 Feb/fév 2001 JP (08.02.2001)**
- (30) 2001-33599 **9 Feb/fév 2001 JP (09.02.2001)**
- (30) 2001-36840 **14 Feb/fév 2001 JP (14.02.2001)**
- (30) 2001-40421 **16 Feb/fév 2001 JP (16.02.2001)**
- (30) 2001-75863 **16 Mar/mar 2001 JP (16.03.2001)**
- (30) 2001-124219 **23 Apr/avr 2001 JP (23.04.2001)**
- (30) 2001-158571 **28 May/mai 2001 JP (28.05.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • WAFER INSPECTING METHOD, WAFER INSPECTING INSTRUMENT, AND ELECTRON BEAM APPARATUS
- PROCEDE ET INSTRUMENT D'INSPECTION DE TRANCHES, ET APPAREIL A FAISCEAU ELECTRONIQUE
- (71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahicho, Ota-ku, Tokyo 144-8510 (JP). **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
- (72) **NAKASUJI, Mamoru**; 2-15-11, Serigaya, Konan-ku, Yokohama-shi, Kanagawa 233-0006 (JP). **NOJI, Nobuharu**; 8-2-7, Hisagi, Zushi-shi, Kanagawa 249-0001 (JP). **SATAKE, Tohru**; 14-47, Higashikaigankita 2-chome, Chigasaki-shi, Kanagawa 253-0053 (JP). **HAMASHIMA, Muneki**; 5-13-10-106, Nishijima, Fukaya-shi, Saitama 366-0824 (JP). **KIMBA, Toshifumi**; 3-12-16, Kugenuma sakuragaoka, Fujisawa-shi, Kanagawa 251-0027 (JP). **HATAKEYAMA, Masahiro**; 2-34-9-B-305, Kameino, Fujisawa-shi, Kanagawa 252-0813 (JP). **WATANABE, Kenji**; 1-9-2-2-411, Inari, Fujisawa-shi, Kanagawa 251-0862 (JP). **SOBUKAWA, Hiroshi**; 5-32-2-307, Iriya, Zama-shi, Kanagawa 228-0024 (JP). **KARIMATA, Tsutomu**; 2-3-3207-723, Shiomidai 3-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0022 (JP). **YOSHIKAWA, Shoji**; 1069-167, Katakura-machi, Hachioji-shi, Tokyo 192-0914 (JP). **OOWADA, Shin**; 1-10-8, Fujizuka, Kohoku-ku, Yokohama-shi, Kanagawa 222-0012 (JP). **SAITO, Mutsumi**; 4-28-14-B206, Namamugi, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0052 (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) JP.
- (84) EP (DE FR GB NL).
-
- (51)⁷ **G01N 25/16, 37/00**
- (11) **WO 02/40981** (13) A1
- (21) PCT/JP01/10067
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-350800 **17 Nov/nov 2000 JP (17.11.2000)**
- (30) 2001-173003 **7 Jun/juin 2001 JP (07.06.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CHIP MEMBER FOR MICRO CHEMICAL SYSTEM, AND MICRO CHEMICAL SYSTEM USING THE CHIP MEMBER
- PUCE POUR MICROSYSTEME CHIMIQUE, ET MICROSYSTEME CHIMIQUE INTEGRANT CETTE PUCE
- (71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). **KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY** [JP/JP]; 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 (JP).

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

(72, 75) **HATTORI, Akihiko** [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). **YAMAGUCHI, Jun** [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). **KITAMORI, Takehiko** [JP/JP]; 32-2-304, Hongo 2-chome, Bunkyo-ku, Tokyo 113-0033 (JP). **TOKESHI, Manabu** [JP/JP]; 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 (JP).

(74) **WATANABE, Toshihiko**; No. 5 Mori Bldg., 8th Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EE GE GR HU ID IL IN IS KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA US UZ VN YU ZA.

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

(51)⁷ **G01N 27/02, 27/07, 33/28, 33/03**

(11) **WO 02/40982** (13) A1

(21) PCT/NL01/00837

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) nl (26) en

(30) 1016633 **17 Nov/nov 2000 NL (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR DETERMINING AT LEAST ONE PROPERTY OF A BIOLOGICAL LIQUID

• PROCEDE ET APPAREIL PERMETTANT DE DETERMINER AU MOINS UNE PROPRIETE D'UN LIQUIDE BIOLOGIQUE

(71) **MARTIL INSTRUMENTS B.V.** [NL/NL]; Kerkkokers 81, NL-1852 GC Heiloo (NL).

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

(72, 75) **POP, Gheorghe, Aurel, Marie** [NL/NL]; Burg. Knappertlaan 32, NL-3117 BB Schiedam (NL).

(74) **'T JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 27/447, 33/68**

(11) **WO 02/40983** (13) A1

(21) PCT/EP01/13195

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) 100 56 838.6 **16 Nov/nov 2000 DE (16.11.2000)**

(30) 101 20 803.0 **27 Apr/avr 2001 (27.04.2001)**

(30) 101 35 497.5 **20 Jul/juil 2001 (20.07.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR SEPARATING AND DETECTING PROTEINS BY MEANS OF ELECTROPHORESIS

• PROCEDE DE SEPARATION ET DE DETECTION DE PROTEINES PAR ELECTROPHORESE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE). **DR. WEBER GMBH** [DE/DE]; 85551 Kirchheim-Heimstetten (DE).

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

(72, 75) **HAMMERMANN, Markus** [DE/DE]; Hauptstrasse 16, 69117 Heidelberg (DE). **PLATSCH, Herbert** [DE/DE]; Mosbacherstrasse 92, 68259 Mannheim (DE). **WEBER, Gerhard** [DE/DE]; Margeritenweg 23, 85551 Kirchheim (DE).

(74) **ISENBRUCK, Günter**; Patent- und Rechtsanwälte, Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G01N 27/64, C01B 23/00**

(11) **WO 02/40984** (13) A1

(21) PCT/IT01/00561

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) MI2000A002479 **17 Nov/nov 2000 IT (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD FOR MEASURING THE CONCENTRATION OF NITROGEN IN ARGON BY MEANS OF ION MOBILITY SPECTROMETRY

• PROCEDE POUR MESURER LA CONCENTRATION DE L'AZOTE DANS L'ARGON AU MOYEN DE LA SPECTROMETRIE DE MOBILITE IONIQUE

(71) **SAES GETTERS S.P.A.** [IT/IT]; Viale Italia, 77, I-20020 Lainate (IT).

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

(72, 75) **PUSTERLA, Luca** [IT/IT]; Via Archimede, 42, I-20129 Milano (IT). **STIMAC, Robert** [US/US]; c/o PCP, Inc., 2155 Indian Road, West Palm Beach, FL 33409-3287 (US). **BONUCCI, Antonio** [IT/IT]; Via Antonio Cechov, 21, I-20151 Milano (IT). **SUCCI, Marco** [IT/IT]; Via Lo Monaco, 9, I-20131 Milano (IT).

(74) **ADORNO, Silvano**; Società Italiana Brevetti S.p.A, Via Carducci, 8, I-20123 Milano_ (IT) et al. / etc.

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G01N 29/00**

(11) **WO 02/40985** (13) A2

(21) PCT/US01/47533

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) en (26) en

(30) 09/715,400 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • LIQUID AND SOLID TISSUE MIMICKING MATERIAL FOR ULTRASOUND PHANTOMS AND METHOD OF MAKING THE SAME

• MATIERE SOLIDE ET LIQUIDE IMITANT LES TISSUS HUMAINS POUR FANTOMES D'IMAGERIE ULTRASONORE ET PROCEDE DE FABRICATION DE CETTE DERNIERE

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 North Walnut Street, Post Office Box 7365, Madison, WI 53707-7365 (US).

(72) **MADSEN, Ernest, L.**; 5502 South Hill Drive, Madison, WI 53705 (US). **FRANK, Gary, R.**; 2590 North Norfolk Circle, Madison, WI 53719 (US).

(74) **ENGSTROM, Harry, C.** et al. / etc.; Foley & Lardner, 150 East Gilman Street, Post Office Box 1497, Madison, WI 53701-1497 (US).

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

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

FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ G01N 29/04, G01R 33/00

(11) WO 02/40986 (13) A1

(21) PCT/US01/44232

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,991 15 Nov/nov 2000 US
(15.11.2000)

(30) Not furnished / 13 Nov/nov 2001 US
non communiqué (13.11.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ELECTROMAGNETIC ACOUSTIC
TRANSDUCER WITH RECESSED
COILS

● TRANSDUCTEUR ACOUSTIQUE
ELECTROMAGNETIQUE A BOBINES
ENCASTREES

(71, 72) PASSARELLI, Frank, Jr. [US/US];
4634 Tam-o-Shanter Drive, Westlake Village,
CA 91362 (US).

(74) BROOKS, Michael; Law Offices of Brooks
& Fillbach, Suite 104, 5010 N. Parkway Cal-
abasas, Calabasas, CA 91302 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ G01N 29/04, F26B 19/00, B65H 1/00

(11) WO 02/40987 (13) A1

(21) PCT/US01/51365

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 09/715,359 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● AUTOMATED ACOUSTIC MICRO
IMAGING SYSTEM AND METHOD

● SYSTEME ET PROCEDE DE MI-
CRO-IMAGERIE ACOUSTIQUE AU-
TOMATISES

(71) SONOSCAN, INC. [—/US]; 2149 E. Pratt
Blvd., Elk Grove Village, IL 60007 (US).

(72) ORAVECZ, Michael, G.; 1113 Dickens
lane, Naperville, IL 60564 (US). ERICK-
SON, Daniel, M.; 9245 W. Irving Park
Rd., Schiller Park, IL 60176 (US). MICEK,
Daniel, W.; 8251 West Foster Avenue, Nor-
ridge, IL 60706 (US).

(74) FELDMAN, Steve, E. et al. / etc.; Welsh &
Katz, LTD, 120 South Riverside Plaza, 22nd
Floor, Chicago, IL 60606 (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 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 PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA

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

Published / Publiée : (c)

(51)⁷ G01N 30/30

(11) WO 02/40988 (13) A1

(21) PCT/IB01/02037

(22) 29 Oct/oct 2001 (29.10.2001)

(25) en (26) en

(30) MI2000A002449 15 Nov/nov 2000 IT
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CHROMATOGRAPHY COLUMN

● COLONNE DE CHROMATOGRAPHIE

(71) THERMO FINNIGAN ITALIA S.P.A.
[IT/IT]; Strada Rivoltana, I-20090 Rodano
(IT).

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

(72, 75) ZILIOLO, Giacinto [IT/IT]; Via Don
Milani, 21/B, I-20063 Cernusco sul Naviglio
(IT). FACCHETTI, Riccardo [IT/IT]; Via
Paolo VI, 29, I-23900 Lecco (IT). MAGNI,
Paolo [IT/IT]; Via S. Antonio, 2, I-20045
Besana Brianza (IT).

(74) VALENTINI, Giuliano; Marietti, Gislon e
Trupiano S.r.l., Via Larga, 16, I-20122 Milano
(IT).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G01N 33/00

(11) WO 02/40989 (13) A1

(21) PCT/KR01/01938

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 2000-67461 14 Nov/nov 2000 KR
(14.11.2000)

(30) U2001-22198 23 Jul/juil 2001 KR
(23.07.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● EASY-TO-USE PORTABLE METER

● APPAREIL DE MESURE PORTATIF ET
SIMPLE D'UTILISATION

(71) BIOTEL CO., LTD. [KR/KR]; 101, TBI
Center, The University of Suwon, Hwa-
sung-gun, 445-743 Kyonggi-do (KR).

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

(72, 75) KIM, Tai-Jin [KR/KR]; 105-402,
Hyungdai Apt., Maetan4-dong, Suwon
City, 442-713 Kyonggi-do (KR). SUNG,
Chang-Sik [KR/KR]; 101-204, Geukdong
Apt, 50, Maetan-dong, Suwon-city, 442-730
Kyonggi-do (KR).

(74) LEE, Young-Pil; The Cheonghwa Building,
1571-18, Seocho-dong, Seocho-gu, Seoul
137-874 (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 NO NZ PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

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

(51)⁷ G01N 33/15, 33/50

(11) WO 02/40990 (13) A1

(21) PCT/JP01/09940

(22) 14 Nov/nov 2001 (14.11.2001)

(25) ja (26) ja

(30) 2000-348054 15 Nov/nov 2000 JP
(15.11.2000)

(30) 2000-396950 27 Dec/déc 2000 JP
(27.12.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD OF PROFILING PROTEIN

● PROCEDE PERMETTANT DE DETER-
MINER LE PROFIL D'UNE PROTEINE

(71, 72) ITAI, Akiko [JP/JP]; 5-16-6, Hongo,
Bunkyo-ku, Tokyo 113-0033 (JP).

(74) IMAMURA, Masazumi et al. / etc.; 8th
Floor, Kyobashi-Nisshoku Bldg., 8-7, Ky-
obashi 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 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 TR TT TZ UA
UG US UZ VN YU ZA ZW.

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

(51)⁷ G01N 33/18

(11) WO 02/40991 (13) A2

(21) PCT/US01/27790

(22) 1 Nov/nov 2001 (01.11.2001)

(25) en (26) en

(30) 60/248,487 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● CALIBRATION STANDARDS, METH-
ODS, AND KITS FOR WATER DETER-
MINATION

● NORMES D'ETALONNAGE, PRO-
CEDES, ET TROUSSES DESTINES A
DETERMINER LA TENEUR EN EAU

(71) ELI LILLY AND COMPANY [US/US];
Lilly Corporate Center, Indianapolis, IN
46285 (US).

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

(72, 75) MILLER, Scott, Andrew [US/US]; 117
South 11th Street, Beech Grove, IN 46107
(US).

(74) WOOD, Dan, L. et al. / etc.; ELI LILLY
AND COMPANY, Lilly Corporate Center, In-
dianapolis, IN 46285 (US).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY

- BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/24

(11) WO 02/40992 (13) A1

(21) PCT/GB01/04992

(22) 12 Nov/nov 2001 (12.11.2001)

(25) en (26) en

(30) 0027875.4 15 Nov/nov 2000 GB (15.11.2000)

(30) 0112924.6 29 May/mai 2001 GB (29.05.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DETERMINATION OF EFFECTIVE COMPOSITION OF A MIXTURE OF HYDROCARBON GASES

• DETERMINATION DE LA COMPOSITION EFFICACE D'UN MELANGE DE GAZ D'HYDROCARBURES

(71) LATTICE INTELLECTUAL PROPERTY LTD. [GB/GB]; 130 Jermyn Street, London SW1Y 4UR (GB).

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

(72, 75) THURSTON, Robert, Richard [GB/GB]; 79 Packhorse Road, Melbourne, Derbyshire DE73 1BZ (GB).

(74) ILLINGWORTH-LAW, William; Lattice Intellectual Property Ltd., 23 Buckingham Gate, London SW1E 6LB (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

(51)⁷ G01N 33/49, B01L 11/00, G01N 1/38

(11) WO 02/40993 (13) A1

(21) PCT/NL01/00836

(22) 19 Nov/nov 2001 (19.11.2001)

(25) nl (26) en

(30) 1016646 17 Nov/nov 2000 NL (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR TREATING A FLUID-LIKE SAMPLE, SUCH AS A WHOLE BLOOD, WITH TREATMENT FLUID, USE OF SUCH A DEVICE AND KIT CONTAINING SUCH A DEVICE

• DISPOSITIF DESTINE AU TRAITEMENT D'UN ECHANTILLON LIQUIDE, TEL QUE DU SANG ENTIER, AVEC UN FLUIDE DE TRAITEMENT, UTILISATION DE CE DISPOSITIF ET KIT CONTENANT CE DISPOSITIF

(71) BEST QUALITY B.V. [NL/NL]; Leidsesstraatweg 69, NL-3443 BR Woerden (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DEN BROEK, Arjan, Jacob [NL/NL]; Herman Gorterhof 30, NL-2624 XD Delft (NL). VAN DEN BERG, Max [NL/NL]; Jozef Israëlslaan 6 II, NL-3443 CS Woerden (NL). DE ROOIJ, Felix, Wilhelmus, Marie [NL/NL]; Burgemeester Martenssingel 60, NL-2806 CW Gouda (NL).

(74) JORRITSMAN, Ruurd; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, C12Q 1/46, G01N 33/94

(11) WO 02/40994 (13) A2

(21) PCT/IL01/01051

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/247,970 14 Nov/nov 2000 US (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR ASSAYING DRUGS

• SYSTEME ET PROCEDE D'ANALYSE DE MEDICAMENTS

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; 46 Jabotinsky Street, P.O. Box 4279, 91042 Jerusalem (IL).

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

(72, 75) SOREQ, Hermona [IL/IL]; 14 HaMaayan Street, 95930 Jerusalem (IL). MESHORER, Eran [IL/IL]; 2 Cremieux Street, German Colony, 93108 Jerusalem (IL). SKLAN, Ella [IL/IL]; 18 HaTzanchanim Street, 76212 Rehovot (IL). SHOHAM, Shai [IL/IL]; Mitzpe Menachem 209/2, Kiryat Menachem, 96587 Jerusalem (IL).

(74) LUZZATTO, Kfir et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50, C12Q 1/26, C12N 5/00

(11) WO 02/40995 (13) A2

(21) PCT/JP01/10015

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 2000-351208 17 Nov/nov 2000 JP (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR ESTIMATING METABOLIC FUNCTION OF XENOBIOTIC AND INDUCTION THEREOF

• PROCEDE PERMETTANT D'EVALUER LA FONCTION METABOLIQUE DE XENOBIOTIQUES ET DE LEUR INDUCTION

(71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

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

(72, 75) TAKAHASHI, Junzo [JP/JP]; 50-1-416, Yamadaminami, Suita-shi, Osaka 565-0823 (JP). AOYAMA, Eiji [JP/JP]; Sir Charles Groves Hall of Residence, Booth Street West, Manchester, Greater Manchester M15 6PF (GB). NISHIHARA, Mitsuhiro [JP/JP]; 1-13-2-308, Nishikyogokunakazawa-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0815 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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
- (11) WO 02/40996 (13) A2
- (21) PCT/US01/46699
- (22) 8 Nov/nov 2001 (08.11.2001)
- (25) en (26) en
- (30) 09/709,754 8 Nov/nov 2000 US (08.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DIFFERENTIAL GENE EXPRESSION IN SPECIFIC REGIONS OF THE BRAIN IN NEURODEGENERATIVE DISEASES
- EXPRESSION DE GENES DIFFERENTIELS DANS DES REGIONS SPECIFIQUES DU CERVEAU DANS LES MALADIES NEURODEGENERATIVES
- (71) MITOKOR [US/US]; 11494 Sorrento Valley Road, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HWANG, Jung-Jo [KR/US]; 48 Avonwood Road #116, Avon, CT 06001 (US).
BECKER, David, K. [US/US]; 12056 Mannix Road, San Diego, CA 92129 (US).
DAVIS, Robert, E. [US/US]; 13272 Glencliff Way, San Diego, CA 92130 (US).
- (74) ROSENMAN, Stephen, J. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 33/53
- (11) WO 02/40997 (13) A2
- (21) PCT/US01/30062
- (22) 26 Sep/sep 2001 (26.09.2001)
- (25) en (26) en
- (30) 09/677,822 2 Oct/oct 2000 US (02.10.2000)
- (30) 09/768,080 23 Jan/jan 2001 US (23.01.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROTEINS PRODUCING AN ALTERED IMMUNOGENIC RESPONSE AND METHODS OF MAKING AND USING THE SAME
- PROTEINES PRODUISANT UNE RE-PONSE IMMUNOGENE MODIFIEE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES PROTEINES
- (71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ESTELL, David, A. [UG/UG]; 248 Woodbridge Circle, San Mateo, CA 94403 (US).
HARDING, Fiona, A. [US/US]; 772 Lewis Street, Santa Clara, CA 95050 (US).
- (74) STONE, Christopher, L.; GENENCOR INTERNATIONAL, INC., 925 Page Mill Road, 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, 33/58, C12Q 1/68
- (11) WO 02/40998 (13) A2
- (21) PCT/EP01/12790
- (22) 5 Nov/nov 2001 (05.11.2001)
- (25) de (26) de
- (30) 2244/00 17 Nov/nov 2000 CH (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • KIT AND METHOD FOR DETERMINING MULTIPLE ANALYTES, WITH PROVISIONS FOR REFERENCING THE DENSITY OF IMMOBILISED DETECTION ELEMENTS
- KIT ET PROCEDE PERMETTANT LA DETECTION D'ANALYTES MULTIPLES AVEC DES MESURES PERMETTANT LA REFERENCIATION DE LA DENSITE D'ELEMENTS DE RECONNAISSANCE IMMOBILISES
- (71) ZEPTOSENS AG [CH/CH]; Benkenstrasse 254, CH-4108 Witterswil (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ABEL, Andreas, P. [CH/CH]; Rotbergstr. 16a, CH-4054 Basel (CH).
KRESBACH, Gerhard, M. [DE/DE]; Burghaldenweg 6, 79219 Staufen (DE).
DUVENECK, Gert, L. [DE/DE]; Ezmatenweg 34, 79189 Bad Krozingen (DE).
SCHÄRER-HERNÁNDEZ, Nania, G. [GB/CH]; Ochsen-gasse 15, CH-4460 Gelterkinden (CH).
- (74) ZEPTOSENS AG; Benkenstrasse 254, CH-4108 Witterswil (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 33/573
- (11) WO 02/41000 (13) A1
- (21) PCT/JP01/10136
- (22) 20 Nov/nov 2001 (20.11.2001)
- (25) ja (26) ja
- (30) 2000-352491 20 Nov/nov 2000 JP (20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMMUNOASSAY METHOD FOR MEMBRANE-BOUND MATRIX METALLOPROTEASE
- IMMUNOESSAI POUR METALLOPROTEASE A MATRICE LIEE A LA MEMBRANE
- (71) DAIICHI FINE CHEMICAL CO., LTD. [JP/JP]; 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
-
- (51)⁷ G01N 33/543
- (11) WO 02/40999 (13) A1
- (21) PCT/JP01/10108
- (22) 19 Nov/nov 2001 (19.11.2001)
- (25) ja (26) ja
- (30) 2000-352210 20 Nov/nov 2000 JP (20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • EXTRASOMATIC DIAGNOSTICS
- DIAGNOSTICS EXTRASOMATIQUES
- (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) KITAWAKI, Fumihisa [JP/JP]; 25-3-213, Midocho, Kadoma-shi, Osaka 571-0064 (JP).
NADAOKA, Masataka [JP/JP]; 819-5, Kominato, Iyo-shi, Ehime 799-3113 (JP).
TAKAHASHI, Mie [JP/JP]; 2-13-1, Kubotacho, Niihama-shi, Ehime 792-0026 (JP).
TANAKA, Hirotaka [JP/JP]; 533-1-102, Kishicho, Matsuyama-shi, Ehime 791-1102 (JP).
NAKAYAMA, Hiroshi [JP/JP]; 2-24-107, Higashiyama, Hirakata-shi, Osaka 573-1114 (JP).
- (74) YAMAMOTO, Shusaku; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) CA CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (a)
-
- (51)⁷ G01N 33/573
- (11) WO 02/41000 (13) A1
- (21) PCT/JP01/10136
- (22) 20 Nov/nov 2001 (20.11.2001)
- (25) ja (26) ja
- (30) 2000-352491 20 Nov/nov 2000 JP (20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMMUNOASSAY METHOD FOR MEMBRANE-BOUND MATRIX METALLOPROTEASE
- IMMUNOESSAI POUR METALLOPROTEASE A MATRICE LIEE A LA MEMBRANE
- (71) DAIICHI FINE CHEMICAL CO., LTD. [JP/JP]; 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AOKI, Takanori** [JP/JP]; c/o DAIICHI FINE CHEMICAL CO., LTD., 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). **YONEZAWA, Kayoko** [JP/JP]; c/o DAIICHI FINE CHEMICAL CO., LTD., 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). **FIJIMOTO, Noboru** [JP/JP]; c/o DAIICHI FINE CHEMICAL CO., LTD., 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). **OGAWA, Miwa** [JP/JP]; c/o DAIICHI FINE CHEMICAL CO., LTD., 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). **IWATA, Kazushi** [JP/JP]; c/o DAIICHI FINE CHEMICAL CO., LTD., 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP).

(74) **MIZUNO, Akinobu**; Lions Mansion Shibuya Dogenzaka 303, 22-12, Maruyama-cho, Shibuya-ku, Tokyo 150-0044 (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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (m)

(51)⁷ **G01N 33/58, 33/542**

(11) **WO 02/41001** (13) A1

(21) PCT/EP01/13152

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) 00124995.2 **16 Nov/nov 2000 (16.11.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) • DYE PAIR FOR FLUORESCENCE RESONANCE ENERGY TRANSFER (FRET) MEASUREMENTS

• COUPLE DE COLORANTS POUR MESURES DE TRANSFERT D'ENERGIE DE FLUORESCENCE-RESONANCE

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(only for / seulement pour DE)

(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)

(72, 75) **BELIK, Daniel** [DE/DE]; Winterstrasse 39, 82377 Penzberg (DE). **JOSEL, Hans-Dieter** [DE/DE]; Ulmenstrasse 28, 82362 Weilheim (DE). **HERRMANN, Rupert** [DE/DE]; In der Au 23, 82362 Weilheim (DE). **KOENIG, Bernhard** [DE/DE]; Duerbergstrasse 28, 82335 Berg (DE). **MUELLER, Francis** [CH/CH]; Beim Wasserturm 32, CH-4059 Basel (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 PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :

(t) 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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G01N 33/68, A61P 25/28**

(11) **WO 02/41002** (13) A2

(21) PCT/GB01/05117

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 60/253,695 **20 Nov/nov 2000 (20.11.2000)** US

(30) 60/251,662 **6 Dec/déc 2000 (06.12.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • DISCORDANT HELIX STABILIZATION FOR PREVENTION OF AMYLOID FORMATION

• STABILISATION D'HELICE DISCORDANTE AFIN DE PREVENIR LA FORMATION DE SUBSTANCE AMYLOIDE

(71) **ALPHABETA AB** [SE/SE]; Sveavägen 18A, S-182 60 Djursholm (SE).

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

(71, 72) **WHITE, Martin, Paul** [GB/GB]; 19 Kingswood Park, Southport PR8 2JH (GB). (only for / seulement pour MG)

(72, 75) **JOHANSSON, Jan** [SE/SE]; Rentiernas Gata 40, S-116 31 Stockholm (SE).

(74) **WHITE, Martin, Paul**; 19 Kingswood Park, Southport PR8 2JH (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

Declarations / Déclarations :

(s) for the following designation / pour la désignation suivante : MG

(u) for / pour US only / seulement

(51)⁷ **G01N 35/00**

(11) **WO 02/41003** (13) A2

(21) PCT/CA01/01583

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/248,845 **16 Nov/nov 2000 (16.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • AIR FLOW ANALYZER

• ANALYSEUR D'ECOULEMENT D'AIR

(71) **LEADING EDGE ROBOTICS INC.** [CA/CA]; 32 Peebles Drive, Freelton, Ontario L0R 1K0 (CA).

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

(72, 75) **KAY, James** [CA/CA]; 32 Peebles Drive, Freelton, Ontario L0R 1K0 (CA).

(74) **HILL & SCHUMACHER**; 87 Falcon Street, Toronto, Ontario M4S 2P4 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41004** (13) A2

(21) PCT/US01/46157

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/249,391 **16 Nov/nov 2000 (16.11.2000)** US

(30) 60/257,705 **22 Dec/déc 2000 (22.12.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • OPTICAL BIODISCS WITH REFLECTIVE LAYERS

• BIODISQUES OPTIQUES DOTES DE COUCHES REFLECHISSANTES

(71) **BURSTEIN TECHNOLOGIES, INC.** [US/US]; Suite 200, 163 Technology Drive, Irvine, CA 92614 (US).

(72) **ZOVAL, Jim, V.**; 21361 Kirkwall Lane, Lake Forest, CA 92630 (US). **KIDO, Horacio**; P.O. Box 339, Niland, CA 92257 (US). **VIRTANEN, Jorma, Antero**; 19211 Edgehill, Irvine, CA 92612 (US).

(74) **DIENER, Michael, A.** 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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 35/04, 35/02, 35/10**

(11) **WO 02/41005** (13) A1

(21) PCT/JP00/08162

(22) **20 Nov/nov 2000 (20.11.2000)**

- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • AUTOMATIC URINE DISPENSING DEVICE
• DISPOSITIF AUTOMATIQUE SERVANT A DISTRIBUER DE L'URINE
- (71) **TECHNO MEDICA CO., LTD.** [JP/JP]; 5-1, Nakamachidai 5-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATSUMOTO, Toshikazu** [JP/JP]; Techno Medica Co., Ltd., 5-1, Nakamachidai 5-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0041 (JP).
- (74) **YAGITA, Shigeru** et al. / etc.; Bussan Building Bekkan, 1-15, Nishi Shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G01P**
- (11) **WO 02/41006** (13) A2
- (21) PCT/IL01/01046
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 139730 **16 Nov/nov 2000 IL (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SILICON CAPACITIVE ACCELEROMETER
• ACCELEROMETRE CAPACITIF DE SILICIUM
- (71) **MICMA ENGINEERING LTD.** [IL/IL]; Rotem Industrial Park, 86800 M.P. Arava (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REZNIK, Michael** [IL/IL]; c/o Micma Engineering Ltd., Rotem Industrial Park, 86800 M.P. Arava (IL).
- (74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).
- (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G01P 13/02, B64D 43/02**
- (11) **WO 02/41008** (13) A1
- (21) PCT/FR01/03605
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) fr (26) fr
- (30) 00/14885 **17 Nov/nov 2000 FR (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR DETERMINING AERODYNAMIC PARAMETERS AND METHOD FOR DETECTING FAILURE OF A PROBE USED FOR DETERMINING AERODYNAMIC PARAMETERS
• PROCEDE DE DETERMINATION DE PARAMETRES AERODYNAMIQUES ET PROCEDE DE DETECTION DE PANNE D'UNE SONDRE UTILISEE POUR DETERMINER LES PARAMETRES AERODYNAMIQUES
- (71) **THALES** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHOISNET, Joël** [FR/FR]; Thales Propriété Intellectuelle, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR). **COLLOT, Lionel** [FR/FR]; Thales Propriété Intellectuelle, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **HANSON, Nicolas** [FR/FR]; Thales Propriété Intellectuelle, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **BEYLOT, Jacques** et al. / etc.; Thales Intellectual Property, 13, av. du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).
- (81) BR CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
- Declaration / Déclaration :
(t) for the following designations / pour les désignations suivantes : BR CA EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
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- (51)⁷ **G01R**
- (11) **WO 02/41009** (13) A2
- (21) PCT/US01/43209
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,482 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • OSCILLOSCOPE PANEL CAPTURE AND IMPLEMENTATION
• CAPTURE ET MISE EN OEUVRE DE PANNEAU D'OSCILLOSCOPE
- (71) **LECROY CORPORATION** [US/US]; 700 Chestnut Ridge Road, Chestnut Ridge, NY 10977-6499 (US).
- (72) **FARKAS, Rudolf**; 38, avenue W-Favre, CH-12078 Geneva (CH). **CAKE, Anthony**; 4, rue des Vernes, CH-1217 Meyrin (CH).
- (74) **FROMMER, William, S.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (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 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 TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01R 1/04, H01R 13/24**
- (11) **WO 02/41010** (13) A1
- (21) PCT/EP01/13263
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 00204048.3 **17 Nov/nov 2000 EP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)

- (54) • SOCKET FOR TESTING A COMPONENT AND METHOD OF TESTING A COMPONENT
 • SOCLE ET PROCEDE DE VERIFICATION DE COMPOSANT

(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) **GROOT, Erik, H.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUIJVESTIJN, Adrianus, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c), (q1)

(51)⁷ **G01R 5/00**

(11) **WO 02/41011** (13) A2

(21) PCT/US01/49680

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) en (26) en

(30) 60/242,960 **24 Oct/oct 2000 (24.10.2000)** US

(30) 09/802,735 **9 Mar/mar 2001 (09.03.2001)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR MEASURING THE STATIC CHARGE OF FLOWABLE SOLIDS

- APPAREIL ET PROCEDE DE MESURE DE LA CHARGE STATIQUE DES SOLIDES COULABLES

(71) **UNIVATION TECHNOLOGIES, LLC** [US/US]; Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).

(71, 72) **LO, Frederick, Yip-Kwai** [/US]; 522 Runyon Avenue, Piscataway, NJ 08854 (US).

(72) **WEICK, John, James**; 10 Morris Avenue, Edison, NJ 08837 (US). **HAGERTY, Robert, Olds**; 2601 South Broadway, Apt. #48, La Porte, TX 77571 (US). **HUSBY, Per, K.**; 9 Alma Court, Somerset, NJ 08873 (US).

(74) **MCKINNEY, Osborne, K.**; Univation Technologies, LLC, Suite 1950, 555 San Felipe, Houston, TX 77056 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G01R 11/24**

(11) **WO 02/41012** (13) A1

(21) PCT/AT01/00358

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) GM 873/2000 **14 Nov/nov 2000 (14.11.2000)** AT

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR INDICATING MANIPULATIONS OF ELECTRICITY METER CONNECTIONS

- DISPOSITIF DE SIGNALISATION DE MANIPULATIONS SUR DES CONNEXIONS DE COMPTEURS ELECTRIQUES

(71) **AUSTRIAMICROSYSTEMS AG** [AT/AT]; Tobelbaderstrasse 30, Schloss Premstätten, A-8141 Unterpremstätten (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FORSYTH, Richard** [GB/AT]; Steyrergasse 39, A-8010 Graz (AT). **FRITZ, Gerhard** [AT/AT]; Eisengasse 14, A-8020 Graz (AT).

(74) **HAFFNER, Thomas, M.**; Schottengasse 3a, A-1014 Wien (AT).

(81) GB IN US ZA.

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(51)⁷ **G01R 29/08**

(11) **WO 02/41013** (13) A2

(21) PCT/US01/46013

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/713,625 **15 Nov/nov 2000 (15.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHODS AND SYSTEMS FOR AUTOMATED EMISSIONS MEASURING

- PROCEDES ET SYSTEMES DE MESURE AUTOMATISEE D'EMISSIONS

(71) **GE FANUC AUTOMATION NORTH AMERICA, INC.** [US/US]; Route 29 North & Route 606, Charlottesville, VA 22911 (US).

(72) **TERRELL, David, L.**; 604 Reas Ford Road, Earlsville, VA 22936 (US).

(74) **HARRINGTON, Mark, F.**; Harrington & Smith, LLP, 1809 Black Rock Turnpike, Fairfield, CT 06432-3504 (US) et al. / etc.

(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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G01R 31/00**

(11) **WO 02/41014** (13) A2

(21) PCT/DE01/04197

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) de (26) de

(30) 100 56 969.2 **17 Nov/nov 2000 (17.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND ARRANGEMENT FOR DETERMINATION OF THE STATE OF CHARGE OF A BATTERY

- PROCEDE ET AGENCEMENT POUR DETERMINER L'ETAT DE CHARGE D'UNE BATTERIE

(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) **SCHOCH, Eberhard** [DE/DE]; Weilimdorfer Str. 85, 70469 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G01R 31/26**

(11) **WO 02/41015** (13) A1

(21) PCT/JP01/10051

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-353431 **20 Nov/nov 2000 (20.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • KIT AND METHOD FOR CLEANING SOCKET CONNECTION TERMINAL, AND ELECTRONIC PART TESTER

- TROUSSE ET PROCEDE SERVANT A NETTOYER UNE BORNE DE CONNEXION DE PRISE ET APPAREIL DE VERIFICATION DE PIECES 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) **TSUCHIDA, Keiji** [JP/JP]; c/o ADVANTEST CORPORATION, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). **HAYAMA, Hisao** [JP/JP]; c/o ADVANTEST CORPORATION, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) **HAYAKAWA, Yuzi** et al. / etc.; Arcadia Patent Firm, Palais Ginza 10F, 10-16, Ginza 6-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) CN DE KR SG US.

(51)⁷ **G01R 31/28, 1/073**

(11) **WO 02/41016** (13) A1

(21) PCT/EP01/13192

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) 100 57 456.4 **20 Nov/nov 2000 (20.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • ARRANGEMENT FOR CONNECTING THE TEST NEEDLES OF A TEST ADAPTER TO A TESTING DEVICE

- ENSEMBLE SERVANT A RACCORDER DES AIGUILLES DE TEST D'UN

ADAPTATEUR DE TEST A UN DISPOSITIF DE CONTROLE

(71) **TEST PLUS ELECTRONIC GMBH** [DE/DE]; Ruppertstrasse 1, 80337 München (DE).

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

(72, 75) **OTT, Rainer** [DE/DE]; Hormayrstrasse 7B, 80997 München (DE).

(74) **KÖRBER, Wolfhart**; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **G01R 31/28, 1/073**

(11) **WO 02/41017** (13) A1

(21) PCT/EP01/13193

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) 100 57 457.2 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • TEST ADAPTER FOR TESTING PRINTED CIRCUIT BOARDS

• ADAPTATEUR DE TEST SERVANT A TESTER UNE CARTE DE CIRCUITS IMPRIMES

(71) **TEST PLUS ELECTRONIC GMBH** [DE/DE]; Ruppertstrasse 1, 80337 München (DE).

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

(72, 75) **OTT, Rainer** [DE/DE]; Hormayrstrasse 7B, 80997 München (DE).

(74) **KÖRBER, Wolfhart**; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **G01R 31/28, 31/304, 1/02**

(11) **WO 02/41018** (13) A1

(21) PCT/JP01/09992

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-351452 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • INSPECTING APPARATUS AND INSPECTING METHOD FOR CIRCUIT BOARD

• APPAREIL D'INSPECTION ET PROCEDE D'INSPECTION POUR CARTE DE CIRCUIT

(71) **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) **YAMAOKA, Shuji** [JP/JP]; 693-9, Jitoubu, Seto-cho, Fukuyama-si, Hiroshima 720-0837 (JP). **ISHIOKA, Shogo** [JP/JP];

827-3, Oaza-kawaminami, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2124 (JP).

(81) CN KR US.

(51)⁷ **G01R 31/28, 31/304, 1/02**

(11) **WO 02/41019** (13) A1

(21) PCT/JP01/09993

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-351451 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • INSPECTING APPARATUS AND INSPECTING METHOD FOR CIRCUIT BOARD

• APPAREIL D'INSPECTION ET PROCEDE D'INSPECTION POUR CARTE DE CIRCUIT

(71) **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) **YAMAOKA, Shuji** [JP/JP]; 693-9, Jitoubu, Seto-cho, Fukuyama-si, Hiroshima 720-0837 (JP). **ISHIOKA, Shogo** [JP/JP]; 827-3, Oaza-kawaminami, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2124 (JP).

(81) CN KR US.

(51)⁷ **G01R 33/00**

(11) **WO 02/41020** (13) A2

(21) PCT/EP01/13259

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 100 56 807.6 **16 Nov/nov 2000 DE (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • RF SURFACE RESONATOR FOR A MAGNETIC RESONANCE IMAGING APPARATUS

• RESONATEUR DE SURFACE RF POUR APPAREIL D'IMAGERIE PAR RESONANCE MAGNETIQUE

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

(only for / seulement pour AT BE CH CY DK ES FI FR GB GR IE IT JP LU MC NL PT SE TR)

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, 52066 Aachen (DE).

(only for / seulement pour DE)

(72, 75) **LEUSSLER, Christoph, G.** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ZAHN, Daniel** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **HARTMANN, Heinrich**; Internationaal Octroibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **G01R 33/30**

(11) **WO 02/41021** (13) A1

(21) PCT/FR01/03567

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) fr (26) fr

(30) 00/14609 **14 Nov/nov 2000 FR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR SPECTROSCOPIC NMR ANALYSIS OF METABOLITES OF A CULTURE MEDIUM

• DISPOSITIF POUR L'ANALYSE SPECTROSCOPIQUE RMN IN VIVO DES METABOLITES D'UN MILIEU DE CULTURE

(71) **METABOLIC EXPLORER** [FR/FR]; Biopole Clermont-Limagne, F-63360 Saint-Beauzire (FR). **BRUKER S.A.** [FR/FR]; 34, rue de l'Industrie, F-67160 Wissembourg (FR).

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

(72, 75) **GONZALEZ, Benjamin** [FR/FR]; 3, rue Roberval, F-63000 Clermont-Ferrand (FR). **HUBERT, Gaspard** [FR/FR]; 6, rue du Docteur Lepetit, F-63000 Clermont-Ferrand (FR). **PIOTTO, Martial** [FR/FR]; 14, rue des colombes, F-67540 Oswald (FR). **RENAUD, Michel** [FR/FR]; 14, rue Paul Langevin, F-63670 Le Cendre (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue des Chazelles, F-75847 Paris Cedex 17 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01R 33/56**

(11) **WO 02/41022** (13) A2

(21) PCT/EP01/10873

(22) **18 Sep/sep 2001 (18.09.2001)**

(25) en (26) en

(30) 00203990.7 **14 Nov/nov 2000 EP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MAGNETIC RESONANCE IMAGING METHOD

• PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE

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

(72) **BECK, Gabriele, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HOOGVEEN, Romhild, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HARVEY, Paul, R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DEN BRINK,**

- Johan, S.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **COHEN, Julius, S.;** Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (i)
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- (51)⁷ **G01R 33/563, 33/28**
- (11) **WO 02/41023** (13) A1
- (21) PCT/US01/45408
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 09/712,401 **14 Nov/nov 2000** US
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FOCUSED POINT OVERSAMPLING FOR TEMPORALLY AND SPATIALLY RESOLVING DYNAMIC MR STUDIES
- SURECHANTILLONNAGE DE POINT FOCALISE POUR RESOUDRE DANS LE TEMPS ET DANS L'ESPACE DES ETUDES PAR RESONANCE MAGNETIQUE DYNAMIQUE
- (71) **MARCONI MEDICAL SYSTEMS, INC.** [US/US]; 595 Miner Road, Highland Heights, OH 44143 (US).
- (72) **LIU, Kecheng;** 32701 S. Roundhead Drive, Solon, OH 44139 (US). **HALAMEK, James, A.;** 6211 Elmwood Avenue, Independence, OH 44131 (US).
- (74) **LUNDIN, Thomas, M.;** Marconi Medical Systems, Inc., 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **G01R 33/565**
- (11) **WO 02/41024** (13) A1
- (21) PCT/EP01/13043
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 00203991.5 **14 Nov/nov 2000** EP
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MAGNETIC RESONANCE IMAGING WITH GRADIENT FIELD NON-LINEARITY CORRECTION
- IMAGERIE PAR RESONANCE MAGNETIQUE A CORRECTION DE NON-LINEARITE DU CHAMP DE GRADIENTS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **VAN DEN BRINK, Johan, S.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **FUDERER, Miha;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **COHEN, Julius, S.** et al. / etc.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **G01S**
- (11) **WO 02/41025** (13) A2
- (21) PCT/EP01/13113
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/715,129 **20 Nov/nov 2000** US
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SENSOR APPARATUS
- APPAREIL DE DETECTION
- (71) **ENDRESS + HAUSER GMBH + CO. KG** [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).
- (72) **EASON, Don;** 4277 Asbury Street, Indianapolis, IN 46227 (US).
- (74) **ANDRES, Angelika;** Endress + Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01S**
- (11) **WO 02/41026** (13) A2
- (21) PCT/RU01/00480
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ru (26) ru
- (30) 2000128624 **16 Nov/nov 2000** RU
(16.11.2000)
- (30) 2001108827 **2 Apr/avr 2001** RU
(02.04.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DISTANCE MEASURING METHOD AND DEVICE
- PROCEDE ET DISPOSITIF DE MESURE DES DISTANCES
- (71) **KRISLAMOV, Gennady Alekseevich** [RU/RU]; ul. Gorkogo, 148-31, Nizhny Novgorod, 603000 (RU).
- (71, 72) **KOSHURINOV, Evgeny Ivanovich** [RU/RU]; ul. 40 let Pobedy, 10-227, Nizhny Novgorod, 603137 (RU).
- (81) CN DE GB JP KR SE US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01S**
- (11) **WO 02/41027** (13) A2
- (21) PCT/US01/47162
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 60/249,604 **17 Nov/nov 2000** US
(17.11.2000)
- (30) 09/811,796 **19 Mar/mar 2001** US
(19.03.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR ENHANCING A GLOBAL POSITIONING POSITIONING SYSTEM WITH A TERRAIN MODEL
- PROCEDE ET APPAREIL PERMETTANT D'AMELIORER UN SYSTEME DE POSITIONNEMENT GLOBAL GRACE A UN MODELE DE TERRAIN
- (71) **GLOBAL LOCATE, INC.** [US/US]; 208 Harristown Road, Glen Rock, NJ 07452 (US).
- (72) **DIGGELEN, Frank, van;** 1005 Alamitos Creek Drive, San Jose, CA 94120 (US). **ABRAHAM, Charles;** 5803 Newgate Court, San Jose, CA 95138 (US).
- (74) **PATTERSON, William, B.;** Moser, Patterson & Sheridan LLP, 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).
- (81) JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01S 5/00**
- (11) **WO 02/41028** (13) A2
- (21) PCT/EP01/13153
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 0028029.7 **17 Nov/nov 2000** GB
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD, AND RELATED SYSTEM AND APPARATUS, FOR PROVIDING TRAVEL-RELATED INFORMATION TO A MOBILE COMMUNICATIONS DEVICE
- PROCEDE, SYSTEME ET APPAREIL DESTINES A FOURNIR, A UN DISPOSITIF MOBILE DE COMMUNICATIONS, UNE INFORMATION RELATIVE A UN DEPLACEMENT
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **SARAGA, Peter;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **YULE, Andrew, T.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **WHITE, Andrew, G.;** Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01S 5/14, 11/02**
- (11) **WO 02/41029** (13) A1
- (21) PCT/GB01/05029
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 0027886.1 **15 Nov/nov 2000** GB
(15.11.2000)
- (30) 0027888.7 **15 Nov/nov 2000** GB
(15.11.2000)
- (30) 0119787.0 **14 Aug/août 2001** GB
(14.08.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • TAG TRACKING

• LOCALISATION D'ETIQUETTE

(71) **RACETRACE INC.** [US/US]; 1601 Trapelo Road, Waltham, MA 02451 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BARTLETT, David** [GB/GB]; Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). **REYNOLDS, Michael** [GB/GB]; Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). **SMITH, Paul** [GB/GB]; Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). **VASILOPOULOS, Nicolas** [GB/GB]; Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). **DUFFETT-SMITH, Peter** [GB/GB]; Harston Mill, Harston, Cambridgeshire CB2 5GG (GB).(74) **MACDOUGALL, Alan, John, Shaw** et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01S 13/00(11) **WO 02/41030** (13) A2

(21) PCT/US01/47321

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/713,637 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • IMAGE FORMATION BY PASSIVE COLLECTION AND PROCESSING OF RADIO FREQUENCY SIGNALS ILLUMINATING AND SCATTERED BY CULTURAL FEATURES OF TERRESTRIAL REGION

• FORMATION D'IMAGES PAR CAPTAGE ET TRAITEMENT PASSIFS DE SIGNAUX DE RADIOFREQUENCE ECLAIRANT DES ELEMENTS CULTURELS D'UNE ZONE TERRESTRE ET DIFFUSES PAR CES DERNIERS

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Blvd, Melbourne, FL 32919 (US).(72) **MARTIN, Gayle**; 11630 Point Drive, Merritt Island, FL 32952 (US). **SHIPLEY, John**; 8080 142nd Street, Sebastian, FL 32958 (US).(74) **NIYOI, Bidyut**; 95 Bulldog Blvd., Ste 207, Melbourne, FL 32901 (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 PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ G01S 17/02, 17/46, 7/486(11) **WO 02/41031** (13) A1

(21) PCT/DE00/03997

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) de (26) de

(43) 23 May/mai 2002 (23.05.2002)

(54) • DATA PROCESSING DEVICE AND DATA PROCESSING METHOD

• DISPOSITIF DE TRAITEMENT DE DONNEES IMAGE ET PROCEDE Y RELATIF

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **BELAU, Horst** [DE/DE]; Gabriele-Muenter-Weg 2, 84085 Langquaid (DE). **KOEHLER, Thorsten** [DE/DE]; Franz-Von-Taxis-Ring 2, 93049 Regensburg (DE).(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01V(11) **WO 02/41032** (13) A2

(21) PCT/US01/46125

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/716,340 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • THROUGH CASING RESISTIVITY MEASUREMENT IN PERMANENTLY INSTALLED DOWNHOLE PRODUCTION ENVIRONMENT

• MESURE DE RESISTIVITE A TRAVERS UN TUBAGE DANS UN ENVIRONNEMENT DE PRODUCTION DE FONDS DE Puits INSTALLE EN PERMANENCE

(71) **EM-TECH LLC** [US/US]; 15832 West Hardy Road, Suite 650, Houston, TX 77060 (US).(72) **AMINI, Bijan, K.**; 1111 Caroline St., N° 2002, Houston, TX (US).(74) **MCEWING, David**; 4582 Kingwood Drive, No. 118, Kingwood, TX 77345 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 G01V 1/00(11) **WO 02/41033** (13) A2

(21) PCT/US01/45649

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) en (26) en

(30) 09/705,037 **2 Nov/nov 2000 US (02.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD AND APPARATUS FOR PASSIVE DETECTION OF GEOPHYSICAL DISCONTINUITIES IN THE EARTH

• PROCEDE ET APPAREIL DE DETECTION PASSIVE DE DISCONTINUITES GEOPHYSIQUES DANS LA TERRE

(71) **AMALGAMATED EXPLORATIONS, INC.** [US/US]; 1645 Court Place, Suite 201, Denver, CO 80202 (US).

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

(72, 75) **MEYER, David, G.** [US/US]; 11716 Crystal View Lane, Longmont, CO 80501 (US). **MURER, Christian, F.** [US/US]; 777 Washington Street, #P5, Denver, CO 80203 (US).(74) **MEYER, Lee, G.**; Rader, Fishman & Grauer PLLC, Suite 140, 383 Inverness Drive South, Englewood, CO 80016 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01V 1/52(11) **WO 02/41034** (13) A1

(21) PCT/IB00/01696

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • SONIC LOGGING TOOL INCLUDING RECEIVER AND SPACER STRUCTURE

• OUTIL DE DIAGNOSTIC SONIQUE COMPRENANT UN RECEPTEUR ET UNE STRUCTURE D'ESPACEMENT

(71) **SCHLUMBERGER LIMITED** [NL/US]; 277 Park Avenue, New York, NY 10172 (US).

- (only for / seulement pour GB)
- (71) **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
(only for / seulement pour AT AU DE DK ES ID IE IT KR MX NO NZ RU)
- (71) **SCHLUMBERGER SURENCO S.A.** [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour BR)
- (71) **PETROLEUM RESEARCH AND DEVELOPMENT N.V.** [NL/NL]; De Ruyterkade 62, Willemstad, Curacao (AN).
(only for / seulement pour BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG)
- (71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 24th Floor, Monenco Place, 801 6th Avenue S.W., Calgary, Alberta T2P 3W2 (CA).
(only for / seulement pour CA)
- (71) **SCHLUMBERGER OVERSEAS S.A.** [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour CN)
- (71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint-Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)
- (71) **SCHLUMBERGER HOLDINGS LIMITED** [GB/GB]; P.O. Box 71, Craigmuir Chambers, Road Twon, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOYLE, David** [US/NO]; Hiltonaasen 9, N-1341 Slependen (NO). **TASHIRO, Hitoshi** [JP/JP]; 422-6-124, Tokiwa, Kamakura-shi, Kanagawa-ken 248-0022 (JP). **OTSUKA, Akira** [JP/JP]; 1407-4, Minami-Oya, Machida-shi, Tokyo 194-0031 (JP).
- (74) **NAVA, Robin**; Schlumberger K.K., 2-2-1, Fuchinobe, Sagamihara-shi, Kanagawa-ken 229-0006 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G02B**
- (11) **WO 02/41035** (13) A2
- (21) PCT/FR01/03545
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) fr (26) fr
- (30) 00/14625 **14 Nov/nov 2000 (14.11.2000)** FR
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **HEAD-UP DISPLAY FOR AIRCRAFT WITH CURVED WINDSHIELD**
- **VISEUR TETE HAUTE POUR AERONEF A PARE-BRISE COURBE**
- (71) **THALES** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEVREAU, Yannick** [FR/FR]; Thales Intellectual Property, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **BIGNOLLES, Laurent** [FR/FR]; Thales Intellectual Property, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **DARRIEUX, Jean-Marc** [FR/FR]; Thales Intellectual Property, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **VIGAND, Régis** et al. / etc.; Thales Intellectual Property, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).
- (81) IL US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
- (t) for the following designations / pour les désignations suivantes : **IL EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)**
-
- (51)⁷ **G02B**
- (11) **WO 02/41036** (13) A2
- (21) PCT/IL01/01052
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/247,960 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **OPTICAL MODE COUPLING DEVICES AND AN OPTICAL SWITCH MATRIX BASED THEREON**
- **DISPOSITIFS DE COUPLAGE EN MODE OPTIQUE ET MATRICE DE COMMUTATION OPTIQUE BASEE SUR DE TELS DISPOSITIFS**
- (71) **OPTUN LTD.** [IL/IL]; P.O. Box 15017, 31905 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOROBICHIK, Ilya** [IL/IL]; 26/16 Burla Yehuda St., 32811 Haifa (IL). **NAREVICIUS, Edvardas** [IL/IL]; 17/4 Harmoin St., 36810 Nesher (IL). **MOISEYEV, Nimrod** [IL/IL]; Givat H'aoranim, 34861 Haifa (IL). **ORENSTEIN, Meir** [IL/IL]; 10/1 Yigal Alon, 32983 Haifa (IL).
- (74) **FRIEDMAN, Mark, M.**; Beit Samueloff, Haomanim Street 7, 67897 Tel Aviv (IL).
- (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
- (11) **WO 02/41037** (13) A2
- (21) PCT/US01/43196
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 100 57 129.8 **16 Nov/nov 2000 (16.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD FOR TRANSFERRING A LARGE NUMBER OF FIBER ENDS INTO A SPECIFIED POSITION**
- **PROCEDE DE TRANSFERT D'UN GRAND NOMBRE D'EXTREMITES DE FIBRES DANS UNE POSITION DETERMINEE**
- (25) en (26) en
- (30) 100 57 130.1 **16 Nov/nov 2000 (16.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD FOR TRANSFERRING A LARGE NUMBER OF FIBER ENDS INTO A SPECIFIED POSITION**
- **PROCEDE DE TRANSFERT D'UN GRAND NOMBRE D'EXTREMITES DE FIBRES DANS UNE POSITION DETERMINEE**
- (71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU CO EC GB IE IL IN JP KE KP KR NZ SG TZ UG US ZA ZM)
- (71) **CARL-ZEISS-STIFTUNG trading as Schott Glass** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ OM PH SD SG SL SN SZ TD TG TT TZ UG VN ZA ZW)
- (71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim (DE).
(only for / seulement pour JP)
- (71) **SCHOTT OPTOVANCE, INC.** [US/US]; 15 Sandersdale Road, Southbridge, MA 01550 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHUSTER, Markus** [DE/DE]; Muhlthalstrasse 46, 55126 Mainz (DE). **OLBRICHT, Kai** [DE/DE]; Hamminkeler Landstrasse 189, 46487 Wesel (DE).
- (74) **HUIS, Randolph, J.** et al. / etc.; Volpe and Koenig, P.C., One Penn Center, Suite 400, 1617 John F. Kennedy Boulevard, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
- (11) **WO 02/41038** (13) A2
- (21) PCT/US01/43198
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 100 57 129.8 **16 Nov/nov 2000 (16.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD FOR TRANSFERRING A LARGE NUMBER OF FIBER ENDS INTO A SPECIFIED POSITION**
- **PROCEDE DE TRANSFERT D'UN GRAND NOMBRE D'EXTREMITES DE FIBRES DANS UNE POSITION DETERMINEE**

- (71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU CO EC GB IE IL IN JP KE KP KR NZ SG TZ UG US ZA ZM)
- (71) **CARL-ZEISS-STIFTUNG** trading as **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ OM PH SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)
- (71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim (DE).
(only for / seulement pour JP)
- (71) **SCHOTT OPTOVANCE, INC.** [US/US]; 15 Sandersdale Road, Southbridge, MA 01550 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OLBRICHT, Kai** [DE/DE]; Haminkelner Landstrasse 189, 46487 Wesel (DE). **SCHUSTER, Markus** [DE/DE]; Muhlthalstrasse 46, 55126 Mainz (DE).
- (74) **HUIS, Randolph, J.** et al. / etc.; Volpe and Koenig, P.C., One Penn Center, Suite 400, 1617 John F. Kennedy Boulevard, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
(11) **WO 02/41039** (13) A2
(21) PCT/US01/43728
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 60/249,443 **20 Nov/nov 2000 (20.11.2000)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) • OPTICAL CONVERTER WITH A DESIGNATED OUTPUT WAVELENGTH
• CONVERTISSEUR OPTIQUE A LONGUEURS D'ONDES DE SORTIE DÉTERMINÉES
- (71, 72) **TILLEMANN, Michael, M.** [US/US]; Hakalanit 15, Kfar Sava (IL). **HUBER, Avigdor** [IL/IL]; 1 Hayasmin, Yehud (IL).
- (74) **MAXWELL, Lawrence, D.** et al. / etc.; Needle & Rosenberg, P.C., The Candler Building, Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
(11) **WO 02/41040** (13) A2
(21) PCT/US01/45812
(22) **1 Nov/nov 2001 (01.11.2001)**
(25) en (26) en
(30) 60/245,326 **1 Nov/nov 2000 (01.11.2000)** US
(30) Not furnished / non communiqué **25 Oct/oct 2001 (25.10.2001)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) • OPTICAL COATING HAVING LOW REFRACTIVE INDEX
• REVÊTEMENT OPTIQUE À INDICE DE RÉFRACTION FAIBLE
- (71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
- (72) **BARKER, H. Paul**; Sherman Oaks, CA (US).
- (74) **BOEHLEFELD, Heidi**; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, Nineteenth Floor, Cleveland, OH 44115-2191 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/04**
(11) **WO 02/41041** (13) A2
(21) PCT/IB01/01378
(22) **13 Jun/juin 2001 (13.06.2001)**
(25) en (26) en
(30) 09/712,569 **14 Nov/nov 2000 (14.11.2000)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) • OPTICALLY ACTIVE FILM COMPOSITE
• FILM COMPOSITE OPTIQUEMENT ACTIF
- (71) **CPFILMS INC** [US/US]; 4210 The Great Road, Fieldale, Martinsville, VA 24115 (US).
- (72) **BARTH, Steven, Allen**; 255 Ruth Hairston Lane, Martinsville, VA 24078 (US). **HUBBARD, Coby, Lee**; 1768 Mountain View Road, Meadows of Dan, VA 24120 (US). **PORT, Anthony, Brian**; 137 Eliza Reamy Avenue, Collinsville, VA 24078 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/04, C08F 220/30**
(11) **WO 02/41042** (13) A1
(21) PCT/JP01/10121
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) ja (26) ja
(30) 2000-352130 **20 Nov/nov 2000 (20.11.2000)** JP
(30) 2001-303305 **28 Sep/sep 2001 (28.09.2001)** JP
(43) 23 May/mai 2002 (23.05.2002)
- (54) • COMPOSITION FOR OPTICAL MATERIAL, OPTICAL MATERIAL AND LENSES
• COMPOSITION POUR MATERIAU OPTIQUE, MATERIAU OPTIQUE ET LENTILLES
- (71) **NOF CORPORATION** [JP/JP]; 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJITA, Takanori** [JP/JP]; 5, Kanayasako, Oita-shi, Oita 870-0879 (JP). **TANAKA, Katsuyoshi** [JP/JP]; 2-2-13, Kouhoku, Adachi-ku, Tokyo 123-0872 (JP). **TAKAOKA, Toshiaki** [JP/JP]; 1-1, Furugou, Oita-shi, Oita 870-0844 (JP).
- (74) **SAKAI, Hajime** et al. / etc.; Shuwa Kioicho TBR Building, 7, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G02B 1/04, C08G 77/02, 79/00, G02B 6/00**
(11) **WO 02/41043** (13) A2
(21) PCT/US01/45511
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,871 **14 Nov/nov 2000 (14.11.2000)** US
(43) 23 May/mai 2002 (23.05.2002)
- (54) • INORGANIC/BLOCK COPOLYMER-DYE COMPOSITES AND DYE DOPED MESOPOROUS MATERIALS FOR OPTICAL AND SENSING APPLICATIONS
• COMPOSITES INORGANIQUE/COPOLYMER SEQUENCE-COLORANTS ET MATIÈRES MÉSOPOREUSES DOPEES PAR DES COLORANTS POUR APPLICATIONS OPTIQUES ET DE DÉTECTION

- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
- (72) **WIRNSBERGER, Gernot**; Muhlgasse 5, Leoben, A- Graz (AT). **SCOTT, Brian, J.**; 7396 Chapman Place, Apt. B, Goleta, CA 93117 (US). **HUANG, Howard, C.**; 710 Bolton Walk, Apt. 101, Goleta, CA 93117 (US). **MELOSH, Nicholas, A.**; 144 S. Catalina Avenue, #10, Pasadena, CA 91106 (US). **YANG, Peidong**; 3001 Derby Street, #F, Berkeley, CA 94705 (US). **CHMELKA, Bradley**; 933 West Campus Point Lane, Goleta, CA 93117 (US). **STUCKY, Galen, D.**; 973 West Campus Lane, Goleta, CA 93117 (US).
- (74) **CHURCHILL, Margaret, A.**; Fulbright & Jaworski L.L.P., 865 S. Figueroa Street, 29th Floor, Los Angeles, CA 90017-2571 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/04, C08L 43/04, 83/04, A61L 12/00**
- (11) **WO 02/41044** (13) A2
- (21) PCT/US01/48474
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en
- (30) 09/713,464 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS OF STABILIZING SILICONE HYDROGELS AGAINST HYDROLYTIC DEGRADATION
• STABILISATION DES HYDROGELS DE SILICONES CONTRE LA DÉGRADATION HYDROLYTIQUE
- (71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurian Parkway, Suite 100, Jacksonville, FL 32256 (US).
- (72) **VANDERLAAN, Douglas, G.**; 8114 Parkridge Cir. S., Jacksonville, FL 32211 (US). **GALAS, Stephen, L.**; 4617 Cape Elizabeth Ct. E., Jacksonville, FL 32277 (US).
- (74) **JOHNSON, Philip, S.** et al. / etc.; 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G02B 1/10, G02F 1/1335, 1/1347**
- (11) **WO 02/41046** (13) A1
- (21) PCT/NZ01/00258
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 508258 **17 Nov/nov 2000 NZ (17.11.2000)**
- (30) 508826 **12 Dec/déc 2000 NZ (12.12.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ALTERING SURFACE OF DISPLAY SCREEN FROM MATT TO OPTICALLY SMOOTH
• MODIFICATION DE LA SURFACE D'UN DISPOSITIF D'AFFICHAGE DE
- FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- LA COULEUR MAT A UNE COULEUR OPTIQUEMENT BRILLANTE
- (71) **DEEP VIDEO IMAGING LIMITED** [NZ/NZ]; Airport Road, Mystery Creek, RD 2, Hamilton 2001 (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEARLE, Mark, John** [NZ/NZ]; 372 Parallel Road, RD3, Cambridge (NZ).
- (74) **WILSON, Kathryn, S.** et al. / etc.; Level 12, KPMG Centre, 85 Alexandra Street, Private Bag, Hamilton 3140 (NZ).
- (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/00**
- (11) **WO 02/41047** (13) A2
- (21) PCT/EP01/13334
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/713,847 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR ELIMINATION OF SCATTERED SIDE LOBES CREATED BY INTEGRATOR LENSLET ARRAYS
• SYSTEME ET PROCEDURE PERMETTANT D'ELIMINER SCATTERED SIDE LOBES CREATED BY RESEAUX DE MICROLENTILLES
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **SHAHZAD, Khalid**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SHIMIZU, Jeffrey, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DOMM, John**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **RAAP, Adriaan, Y.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G02B 5/00, F21V 11/02, G02F 1/1335**
- (11) **WO 02/41048** (13) A1
- (21) PCT/US01/06910
- (22) **2 Mar/mar 2001 (02.03.2001)**
- (25) en (26) en
- (30) 09/713,066 **15 Nov/nov 2000 US (15.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LIGHT CONTROL DEVICE
• DISPOSITIF DE COMMANDE DE LUMIERE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **CHIU, Raymond, C.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **GAIDES, Gary, E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **HUMPAL, Paul, E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **SANO, Koichi**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **PECHMAN, Robert, J.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G02B 5/26**
- (11) **WO 02/41049** (13) A2
- (21) PCT/IT01/00578
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) it (26) en
- (30) CZ2000A000007 **17 Nov/nov 2000 IT (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MIRROR WITH HIGHLY SELECTIVE REFLECTION BAND
• MIROIR A BANDE DE REFLEXION HAUTEMENT SELECTIVE
- (71) **TEBAID** [IT/IT]; Consorzio per le Tecnologie Biomediche Avanzate, Dipartimento di Chimica - Università della Calabria, I-87036 Rende (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHIDICHIMO, Giuseppe** [IT/IT]; Dipartimento di Chimica - Università della Calabria, I-87036 Rende (IT). **KHOKHOLOV, Alexander Fedorovich** [RU/RU]; University of Nizhni Novgorod, pr. Gagarina, 23, Nizhni Novgorod, 603600 (RU). **MASHIN, Alexander Ivanovich** [RU/RU]; University of Nizhni Novgorod, pr. Gagarina, 23, Nizhni Novgorod, 603600 (RU). **ERSHOV, Alexei Valentinovich** [RU/RU]; University of Nizhni Novgorod, pr. Gagarina, 23, Nizhni Novgorod, 603600 (RU). **SERGEYEV, Yaroslav** [RU/IT]; DEIS - Università della Calabria, I-87036 Rende (IT).
- (74) **PERROTTA, Aldo**; Calpark S.p.A., Loc. S. Stefano, I-87036 Rende (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 6/00**
- (11) **WO 02/41051** (13) A2
- (21) PCT/GB01/05023
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 0027871.3 **15 Nov/nov 2000 GB (15.11.2000)**
- (30) 0122119.1 **13 Sep/sep 2001 GB (13.09.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • OPTICAL CIRCUIT APPARATUS
• ENSEMBLE CIRCUIT OPTIQUE
- (71) **MARCONI OPTICAL COMPONENTS LIMITED** [GB/GB]; One Bruton Street, London W1J 6AQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOODY, Mike** [GB/GB]; 4 Whitebeam Close, Chelmsford, Essex CM2 8US (GB).
- (74) **HUCKER, Nerys**; Marconi Intellectual Property, Marrable House, The Vineyards, Gt. Baddow, Chelmsford, Essex CM2 7QS (GB).
- (81) CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G02B 6/00**
- (11) **WO 02/41052** (13) A2
- (21) PCT/GB01/05073
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 0028062.8 **16 Nov/nov 2000 GB (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF SECURING AN OPTICAL FIBRE TO AN ELECTRONIC PACKAGE
• PROCEDURE PERMETTANT DE FIXER UNE FIBRE OPTIQUE A UN MODULE ELECTRONIQUE
- (71) **MARCONI OPTICAL COMPONENTS LIMITED** [GB/GB]; One Bruton Street, London W1J 6AQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LANE, Anthony, Alan** [GB/GB]; 17 Gillsway, Northampton, Northants NN2 8HT (GB).
- (74) **COCKAYNE, Gillian**; Marconi Intellectual Property, Marrable House, The Vineyards, Gt. Baddow, Chelmsford CM2 7QS (GB).
- (81) CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G02B 6/00**
- (11) **WO 02/41053** (13) A2
- (21) PCT/US01/46817
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en

- (51)⁷ **G02B 6/24**
 (11) **WO 02/41058** (13) A2
 (21) PCT/EP01/13128
 (22) **13 Nov/nov 2001 (13.11.2001)**
 (25) de (26) de
 (30) 100 56 385.6 **14 Nov/nov 2000 DE (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • DEVICE FOR BEAM DEFLECTION IN OPTICAL WAVE GUIDE STRUCTURES
 • DISPOSITIF DE DEVIATION D'UN RAYONNEMENT DANS DES STRUCTURES A GUIDE D'ONDES OPTIQUES
 (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) **LEDERER, Falk** [DE/DE]; Turmstr. 12, 07546 Gera (DE). **PESCHEL, Ulf** [DE/DE]; Jansonstr. 10, 07743 Jena (DE). **WÄCHTER, Christoph** [DE/DE]; Herderstrasse 5, 07743 Jena (DE).
 (74) **PFENNING, MEINIG & PARTNER;** Joachimstaler Strasse 10-12, 10719 Berlin (DE).
 (81) JP US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G02B 6/25, B26D 3/16**
 (11) **WO 02/41059** (13) A1
 (21) PCT/DE01/04278
 (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) de (26) de
 (30) 100 56 780.0 **16 Nov/nov 2000 DE (16.11.2000)**
 (30) 100 63 209.2 **19 Dec/déc 2000 DE (19.12.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • PLIERS-TYPE TOOL AND METHOD FOR CUTTING THROUGH OPTICAL FIBRE CABLES
 • OUTIL EN FORME DE PINCE ET PROCEDE PERMETTANT DE SECTIONNER DES CABLES A FIBRES OPTIQUES
 (71) **RENNSTEIG WERKZEUGE GMBH** [DE/DE]; An der Koppel 1, 98547 Vierzehn-Thür (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WILHELM, Edgar** [DE/DE]; Am Arzberg 4, 98587 Altersbach (DE). **HOLLAND-MORITZ, Georg** [DE/DE]; Untere Strasse 33, 98587 Rotterode (DE). **TOMAS, Bernd** [DE/DE]; Koppenliede 12, 98587 Rotterode (DE).
 (81) AT BG CH CN CO CZ DE EC ES GB HU JP LU OM PH RU SE SI US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G02B 6/34, 5/18**
 (11) **WO 02/41060** (13) A1
 (21) PCT/AU01/01493
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) PR 1512 **16 Nov/nov 2000 AU (16.11.2000)**
 (30) PR 4777 **4 May/mai 2001 AU (04.05.2001)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • OPERATIONAL TUNING OF OPTICAL STRUCTURES
 • REGLAGE DU FONCTIONNEMENT DE STRUCTURES OPTIQUES
 (71) **REDFERN OPTICAL COMPONENTS PTY LTD** [AU/AU]; Suite 212, National Innovation Centre, Australian Technology Park, Eveleigh, New South Wales 1430 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **STEPANOV, Dmitrii, Yu** [RU/AU]; 7/126 Croydon Avenue, Croydon Park, New South Wales 2133 (AU). **CROUS, Fred** [ZA/AU]; 58 Appletree Street, Cherrybrook, New South Wales 2126 (AU).
 (74) **FREEHILLS CARTER SMITH BEADLE;** Level 32, MLC Centre, 19-29 Martin Place, Sydney, New South Wales 2000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 6/34, 5/18**
 (11) **WO 02/41061** (13) A1
 (21) PCT/AU01/01494
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) PR 1512 **16 Nov/nov 2000 AU (16.11.2000)**
 (30) PR 4776 **4 May/mai 2001 AU (04.05.2001)**
 (30) PR 4775 **4 May/mai 2001 AU (04.05.2001)**
 (30) PR 4778 **4 May/mai 2001 AU (04.05.2001)**
 (30) PR 7266 **24 Aug/août 2001 AU (24.08.2001)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • TEMPERATURE COMPENSATING WAVEGUIDE PACKAGE
 • BOITIER DE GUIDE D'ONDES PERMETTANT DE CORRIGER UNE TEMPERATURE
 (71) **REDFERN OPTICAL COMPONENTS PTY LTD** [AU/AU]; Suite 212, National Innovation Centre, Australian Technology Park, Eveleigh, New South Wales 1430 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **STEPANOV, Dmitrii, Yu** [RU/AU]; 7/126 Croydon Avenue, Croydon Park, New South Wales 2133 (AU). **CROUS, Fred** [ZA/AU]; 58 Appletree Street, Cherrybrook, New South Wales 2126 (AU).
 (74) **FREEHILLS CARTER SMITH BEADLE;** Level 32, MLC Centre, 19-29 Martin Place, Sydney, New South Wales 2000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 6/38**
 (11) **WO 02/41062** (13) A2
 (21) PCT/US01/44164
 (22) **6 Nov/nov 2001 (06.11.2001)**
 (25) en (26) en
 (30) 09/706,913 **6 Nov/nov 2000 US (06.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • LOW-LOSS INTERMATEABLE FERRULES FOR OPTICAL FIBERS AND A METHOD OF FABRICATION THEREOF
 • FERRULES ACCOUPLES A FAIBLE AFFAIBLISSEMENT POUR FIBRES OPTIQUES, ET PROCEDE DE FABRICATION
 (71) **CORNING CABLE SYSTEMS LLC** [US/US]; 800 17th Street NW, PO Box 489, Hickory, NC 28603 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KNECHT, Dennis, M.** [US/US]; 4921 Elmhurst Drive NE, Hickory, NC 28601 (US). **LUTHER, James, P.** [US/US]; 2471 Rolling Ridge Drive, Hickory, NC 28602 (US). **SZENTESI, Otto, I.** [US/US]; 1030 13th Avenue NW, Hickory, NC 28601 (US).
 (74) **WALTERS, Bambi, F.**; 800 17TH STREET NW, PO BOX 489, HICKORY, NC 28603 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 6/42**
(11) **WO 02/41063** (13) A2
(21) PCT/US01/46828
(22) **8 Nov/nov 2001 (08.11.2001)**
(25) en (26) en
(30) 60/248,959 **16 Nov/nov 2000** US
(16.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● METHOD AND SYSTEM FOR ALIGNING AN OPTICAL FIBER DELIVERY SYSTEM
● PROCEDE ET SYSTEME PERMETTANT D'ALIGNER UN SYSTEME DE FIBRE OPTIQUE
(71) **L-A-OMEGA, INC.** [US/US]; 20 Central Street, Arlington, MA 02476 (US).
(72) **SEWARD, George, H.**; 20 Central Street, Arlington, MA 02476 (US).
(74) **PAUL, Edwin, H.**; Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, MA 02210 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 7/182**
(11) **WO 02/41064** (13) A1
(21) PCT/US01/42957
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,626 **17 Nov/nov 2000** US
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● RAPIDLY CHANGING DICHROIC BEAMSPLITTER
● DIVISEUR DE FAISCEAU DICHROIQUE A CHANGEMENT RAPIDE
(71) **UNIVERSAL IMAGING CORPORATION** [US/US]; 402 Boot Road, Downingtown, PA 19335 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **STUCKEY, Jeffrey, A.** [US/US]; 402 Boot Road, Downingtown, PA 19335 (US).
(74) **ELMAN, Gerry, J.**; Elman & Associates, 20 West Third Street, P.O. Box 1969, Media, PA 19063-8969 (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 SI SK SL TJ TM TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
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Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ **G02B 13/18, 3/02**
(11) **WO 02/41065** (13) A1
(21) PCT/US00/42166
(22) **14 Nov/nov 2000 (14.11.2000)**
(25) en (26) en
(43) 23 May/mai 2002 (23.05.2002)
(54) ● ILLUMINATING LENS DESIGNED BY EXTRINSIC DIFFERENTIAL GEOMETRY
● LENTILLES D'ECLAIRAGE CONÇUES PAR GEOMETRIE DIFFERENTIELLE EXTRINSEQUE
(71) **TELEDYNE LIGHTING AND DISPLAY PRODUCTS, INC.** [US/US]; 12525 Daphne Avenue, Hawthorne, CA 90250 (US).
(72) **PARKYN, William, A., Jr.**; 25031 Neko Drive, Lomita, CA 90717 (US).
(74) **ROTH, W., Norman**; Suite 707, 523 West Sixth Street, Los Angeles, CA 90014-1223 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G02B 21/20**
(11) **WO 02/41066** (13) A1
(21) PCT/BG01/00002
(22) **20 Feb/fév 2001 (20.02.2001)**
(25) en (26) en
(30) 104942 **14 Nov/nov 2000** BG
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● A MECHANISM FOR TRANSMISSION OF COORDINATED MOVEMENT
● MECANISME DE TRANSMISSION DE MOUVEMENT COORDONNE
(71, 72) **VASSILEV, Vladimir Lasarov** [BG/BG]; j.k. "Suha reka" Bl.221-90, 1505 Sofia (BG).
(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MN NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
Published / Publiée : (c)

(51)⁷ **G02B 26/02**
(11) **WO 02/41067** (13) A2
(21) PCT/US01/43828
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,019 **14 Nov/nov 2000** US
(14.11.2000)
(30) 09/844,797 **27 Apr/avr 2001** US
(27.04.2001)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● RECONFIGURABLE, ALL OPTICAL ADD/DROP NODES USING NON-INTERRUPTING SWITCHING APPARATUS AND METHODS
● NOEUDS D'INSERTION/EXTRACTION ENTIEREMENT OPTIQUES RECONFIGURABLES UTILISANT DES DISPOSITIFS ET DES PROCEDES DE COMMUTATION SANS COUPURE
(71) **CHAMELEON OPTICS HOLDING, LLC** [US/US]; 4055 Pinon Drive, Boulder, CO 80303 (US).
(71, 72) **CORMACK, Robert, H.** [US/US]; 5305 Holmes Place, Boulder, CO 80303 (US).
(74) **BALES, Jennifer, L.** et al. / etc.; Macheledt Bales & Johnson LLP, Mountain View Plaza, 1520 Euclid Circle, Lafayette, CO 80026-1250 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 26/02**
(11) **WO 02/41068** (13) A2
(21) PCT/US01/43833
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 09/716,525 **20 Nov/nov 2000** US
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● BREAKAWAY JOINT FOR SUBSEA COMPONENTS
● JOINT DE RUPTURE POUR ELEMENTS SOUS MARINS
(71) **FMC TECHNOLOGIES, INC.** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(71, 72) **PATTEE, Frank, M.** [US/US]; 5317 Shamrops Drive, Kenner, LA 70065 (US).

(72) **WILLIAMS, Michael, R.**; 15419 Misty Forest Court, Houston, TX 77068 (US).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 27/01, G06F 3/00**

(11) **WO 02/41069** (13) A1

(21) PCT/DE01/04267

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) de (26) de

(30) 100 56 291.4 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **METHOD FOR VISUALLY REPRESENTING AND INTERACTIVELY CONTROLLING VIRTUAL OBJECTS ON AN OUTPUT VISUAL FIELD**

● **PROCEDE DE REPRESENTATION VISUELLE ET DE COMMANDE INTERACTIVE D'OBJETS SUR UN CHAMP VISUEL DE SORTIE**

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **FEIL, Henry** [DE/DE]; Grünwalderstrasse 224, 81545 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ **G02C 7/04**

(11) **WO 02/41070** (13) A1

(21) PCT/US01/44119

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/715,964 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **ORTHOKERATOLOGY CONTACT LENS**

● **LENTILLE DE CONTACT ORTHOKERATOLOGIQUE**

(71, 72) **TUNG, Hsiao-Ching** [CN/US]; c/o Vipok, Inc., 2609 Westminster Ave., Alhambra, CA 91803 (US).

(74) **YU, Philip**; 20955 Pathfinder Road, Ste. 160, Diamond Bar, CA 91765 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G02F 1/13, 1/1335, B32B 35/00**

(11) **WO 02/41071** (13) A1

(21) PCT/GB01/04959

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 0027855.6 **15 Nov/nov 2000 GB (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **METHOD AND APPARATUS FOR DE-LAMINATING FLEXIBLE LAMINATES FROM RIGID SUBSTRATES**

● **PROCEDE ET APPAREIL DE DECOLLAGE DE LAMELLES SOUPLES DE SUBSTRAT RIGIDE**

(71) **DISPLAY PRODUCTS TECHNOLOGY LTD.** [GB/GB]; 1 Langlands Court, Kelvin South Business Park, East Kilbride G75 0YB (GB).

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

(72, 75) **CROMAR, Campbell** [GB/GB]; 31 A Cowal View, Gourcock PA19 1HD (GB). **WALLACE, Michael** [GB/US]; 2505 Greenlaw Parkway, Austin, TX 7875 (US). **DAVIDSON, Kenneth** [GB/GB]; 45 Dundas Court, East Kilbride G75 4AN (GB). **HINDE, Jason** [GB/GB]; 16 Greenhill Road, Rutherglen, Glasgow G73 2SR (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02F 1/13363, 1/133**

(11) **WO 02/41072** (13) A1

(21) PCT/JP01/07414

(22) **29 Aug/août 2001 (29.08.2001)**

(25) ja (26) ja

(30) 2000-347774 **15 Nov/nov 2000 JP (15.11.2000)**

(30) 2000-347775 **15 Nov/nov 2000 JP (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **SEMITRANSSPARENT LIQUID CRYSTAL DISPLAY DEVICE**

● **DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES SEMI-TRANSPARENT**

(71) **NIPPON MITSUBISHI OIL CORPORATION** [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUMAGAI, Yoshihiro** [JP/JP]; c/o NIPPON MITSUBISHI OIL CORPORATION, Central Technical Research Laboratory, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). **YODA, Eiji** [JP/JP]; c/o NIPPON MITSUBISHI OIL CORPORATION, Central Technical Research Laboratory, 8, Chidori-Cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). **UESAKA, Tetsuya** [JP/JP]; c/o NIPPON MITSUBISHI OIL CORPORATION, Central Technical Research Laboratory, 8, Chidori-Cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). **TOYOOKA, Takehiro** [JP/JP]; c/o NIPPON MITSUBISHI OIL CORPORATION, Central Technical Research Laboratory, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP).

(74) **MORITA, Nobuyuki** et al. / etc.; Watase Bldg., 5-8, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CN KR US.

(84) EP (DE FR GB NL).

(51)⁷ **G02F 1/225**

(11) **WO 02/41073** (13) A1

(21) PCT/FR01/03590

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) fr (26) fr

(30) 00/14804 **16 Nov/nov 2000 FR (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **WIDE BAND ELECTRO-OPTICAL MODULATORS**

● **MODULATEURS ELECTRO-OPTIQUES LARGE BANDE**

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3 rue Michel Ange, F-75794 PARIS cedex 16 (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PORTE, Henri** [FR/FR]; 11 rue des Véroniques, F-25770 SERRE les SAPINS (FR). **HAUDEN, Jérôme** [FR/FR]; 18 rue

- Velotte, F-25000 BESANCON (FR). **MOL-LIER, Pascal** [FR/FR]; 5 rue de Lorraine, F-25000 BESANCON (FR).
- (74) **CATHERINE, Alain** et al. / etc.; Cabinet HARLE et PHELIP, 7, rue de Madrid, F-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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 21/62**
- (11) **WO 02/41074** (13) A1
- (21) PCT/DK01/00769
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) PA 2000 01737 **20 Nov/nov 2000 (20.11.2000)** DK
- (30) PA 2001 00566 **5 Apr/avr 2001 (05.04.2001)** DK
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • HOLOGRAPHIC PROJECTION SCREEN
• ECRAN DE PROJECTION HOLOGRAPHIQUE
- (71) **SCAN VISION SCREEN APS** [DK/DK]; Industrisinget 7, Tune, DK-4000 Roskilde (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CLAUSEN, Erik** [DK/DK]; Eremelundsvej 26, DK-2820 Gentofte (DK).
- (74) **HOFMAN-BANG ZACCO A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G03B 42/06**
- (11) **WO 02/41075** (13) A1
- (21) PCT/US01/46958
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) en (26) en
- (30) 09/706,106 **3 Nov/nov 2000 (03.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SENSOR HOLDER FOR DENTAL DIGITIZED RADIOGRAPHY PROCEDURE
• SUPPORT DE CAPTEUR UTILISE DANS UN EXAMEN RADIOGRAPHIQUE DENTAIRE NUMERISE
- (71, 72) **SCHMITZ, William, B.** [US/US]; 42341 Andrea Avenue, Hemet, CA 92544 (US).
- (74) **MOFFATT, Michael, J.**; PRICE AND GESS, 2100 S.E. Main Street, Suite 250, Irvine, CA 92614 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G03F 1/00, 7/20**
- (11) **WO 02/41076** (13) A2
- (21) PCT/DE01/04263
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) de (26) de
- (30) 100 56 262.0 **14 Nov/nov 2000 (14.11.2000)** DE
- (30) 101 26 838.6 **1 Jun/juin 2001 (01.06.2001)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PHOTOLITHOGRAPHIC MASK
• MASQUE PHOTOLITHOGRAPHIQUE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Stasse 53, 81669 München (DE).
- (72, 75) **GRIESINGER, Uwe** [DE/DE]; Hirnerstrasse 13a, 85646 Anzing (DE). **HENNIG, Mario** [DE/DE]; Dresdner Strasse 131, 01462 Gohlis (DE). **KNOBLOCH, Jürgen** [DE/DE]; Valleystrasse 42, 81371 München (DE). **PFORR, Rainer** [DE/DE]; Zum Bahnhof 14, 01108 Dresden (DE). **VORWERK, Manuel** [DE/DE]; Foerstereistrasse 15, 01099 Dresden (DE).
- (74) **EPPING HERMANN & FISCHER**; Rindlerstrasse 55, 80339 München (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G03F 1/00, 1/14**
- (11) **WO 02/41077** (13) A2
- (21) PCT/US01/51004
- (22) **23 Oct/oct 2001 (23.10.2001)**
- (25) en (26) en
- (30) 09/715,951 **17 Nov/nov 2000 (17.11.2000)** US
- (30) 09/780,275 **9 Feb/fév 2001 (09.02.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ATTENUATING EXTREME ULTRAVIOLET (EUV) PHASE-SHIFTING MASK FABRICATION METHOD
• PROCEDE DE FABRICATION D'UN MASQUE DE DEPHASAGE ATTENUANT LES ULTRAVIOLETS EXTREMES (EUV)
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72) **GHADEHARI, Kouros**; 2409 Karen Drive #4, Santa Clara, CA 95050 (US). **LA-FONTAINE, Bruno**; 356 Trenton Circle, Pleasanton, CA 94566 (US). **SINGH, Bhanwar**; 17122 Heatherwood Way, Morgan Hill, CA 95037 (US).
- (74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00**
- (11) **WO 02/41078** (13) A2
- (21) PCT/EP01/13250
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) PI20005414 **17 Nov/nov 2000 (17.11.2000)** MY
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • RADIATION CURABLE COMPOSITIONS
• COMPOSITIONS TRAITABLES PAR RAYONNEMENT
- (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) **ALIAS, Norazmi** [MY/MY]; 171 Lorong 3/3, Taman Alamanda, Senawang, 70450 Negeri Sembilan (MY). **VER-SCHUEREN, Kris** [BE/BE]; E. De Blutslaan 38, B-1702 GROOT-BIJGAARDEN (BE).
- (74) **KIRK, Martin**; UCB, S.A., Intellectual Property Dept., Allée de la Recherche, 60, B-1070 Brussels (BE).
- (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 PH PL PT RO RU
SD SE SG SI 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (q1)

(51)⁷ G03F 7/038

(11) WO 02/41079 (13) A2

(21) PCT/EP01/12819

(22) 6 Nov/nov 2001 (06.11.2001)

(25) en (26) en

(30) 00811080.1 15 Nov/nov 2000 EP
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • POSITIVE TYPE PHOTSENSITIVE
EPOXY RESIN COMPOSITION AND
PRINTED CIRCUIT BOARD USING
THE SAME

• COMPOSITION DE RESINE EPOXY
DE TYPE POSITIF PHOTOSENSIBLE
ET CARTE DE CIRCUIT IMPRIME
UTILISANT LA MEME

(71) VANTICO AG [CH/CH]; Klybeckstrasse
200, CH-4057 Basel (CH).

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

(71) VANTICO K.K. [JP/JP]; 10-66, Miyuki-
cho, Takarazuka-shi, Hyogo 665-8666 (JP).
(only for / seulement pour JP)

(72, 75) SUGANO, Yasuaki [JP/JP]; 649,
Takaoka Takino-cho Kato-gun, Hyogo
679-0222 (JP). NOJIMA, Yasuharu [JP/JP];
8-7-305, Miyahara 5-chome, Yodogawa-ku,
Osaka-shi, Osaka 532-0003 (JP).

(74) VANTICO AG; Patents/Scientific Informa-
tion, Klybeckstrasse 200, CH-4057 Basel
(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ G03F 7/26

(11) WO 02/41080 (13) A2

(21) PCT/GB01/04910

(22) 6 Nov/nov 2001 (06.11.2001)

(25) en (26) en

(30) 09/712,443 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • PROCESS FOR REDUCING EDGE
ROUGHNESS IN PATTERNED PHO-
TORESIST

• PROCEDE DE REDUCTION DE LA
RUGOSITE DE BORDURE DANS DES
PHOTORESINES A MOTIFS

(71) AXCELIS TECHNOLOGIES, INC.
[US/US]; 55 Cherry Hill Drive, Beverly, MA
01915 (US).

(71) EATON LIMITED [GB/GB]; P.O. Box 22,
Norfolk Street, Worsley Road North, Worsley,
Manchester M28 3ET (GB).
(only for / seulement pour CA)

(72) HALLOCK, John, Scott; 1013 Coniston
Court, Potomac, MD 20854 (US). MO-
HONDRO, Robert, Douglas; 7380 Norris
Avenue, Sykesville, MD 21784 (US).

(74) STEVEN, D., Burke 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
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 PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

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

(51)⁷ G03F 7/38, 7/039, H01L 21/027

(11) WO 02/41081 (13) A1

(21) PCT/JP01/09320

(22) 24 Oct/oct 2001 (24.10.2001)

(25) ja (26) ja

(30) 2000-347661 15 Nov/nov 2000 JP
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • METHOD FOR FORMING PATTERN
AND TREATING AGENT FOR USE
THEREIN

• PROCEDE DE FORMATION DE MOTIF
ET AGENT DE TRAITEMENT A UTILI-
SER DANS CE DERNIER

(71) CLARIANT INTERNATIONAL LTD.
[CH/CH]; Rothausstrasse 61, CH-4132 Mut-
tenz 1 (CH).

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

(72, 75) IJIMA, Kazuyo [JP/JP]; c/o Clari-
ant(Japan)K.K., 3810, Chihama, Daito-
cho, Ogasa-gun, Shizuoka 437-1496 (JP).
TAKANO, Yusuke [JP/JP]; c/o Clari-
ant(Japan)K.K., 3810, Chihama, Daito-
cho, Ogasa-gun, Shizuoka 437-1496 (JP).
TANAKA, Hatsuyuki [JP/JP]; c/o Clari-
ant(Japan)K.K., 3810, Chihama, Daito-
cho, Ogasa-gun, Shizuoka 437-1496 (JP).
FUNATO, Satoru [JP/JP]; c/o Clari-
ant(Japan)K.K., 3810, Chihama, Daitocho,
Ogasa-gun, Shizuoka 437-1496 (JP).

(74) KANAOKA, Hiroki et al. / etc.; Mutsumi Inter-
national Patent Bureau, Bandai Bldg., 10-14,
Kandaawajicho 2-chome, Chiyoda-ku, Tokyo
101-0063 (JP).

(81) CN KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G03F 9/00, H01L 23/544

(11) WO 02/41082 (13) A1

(21) PCT/EP01/13246

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 00124947.3 15 Nov/nov 2000 EP
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • METHOD FOR ALIGNING A SEMI-
CONDUCTOR WAFER

• PROCEDE D'ALIGNEMENT DE
TRANCHE SEMI-CONDUCTRICE

(71) INFINEON TECHNOLOGIES SC300
GMBH & CO. KG [DE/DE]; Königsbrücker
Str. 180, 01099 Dresden (DE). INFINEON
TECHNOLOGIES AG [DE/DE]; St.-Mar-
tin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHEDEL, Thorsten [DE/DE];
Kunitzschweg 2, 01109 Dresden
(DE). SCHMIDT, Sebastian [DE/DE];
Moritzburgerstrasse 28, 01127 Dresden (DE).
FROEHLICH, Hans-Georg [DE/DE];
Viehboische 10, 01326 Dresden (DE).

(74) EPPING HERMANN & FISCHER; Ri-
dlerstrasse 55, 80339 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G03G 15/00

(11) WO 02/41083 (13) A2

(21) PCT/ZA01/00177

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 2000/3351 17 Nov/nov 2000 ZA
(17.11.2000)

(30) 2000/3595 17 Nov/nov 2000 ZA
(17.11.2000)

(30) 2001/2627 30 Mar/mar 2001 ZA
(30.03.2001)

(43) 23 May/mai 2002 (23.05.2002)

- (54) • ELECTRO-ADHESION
• ELECTRO-ADHESION

(71, 72) ALLISON, Herman [ZA/ZA]; 21
Bosloerie Avenue, Rooihuiskraal, 0154 Pre-
toria (ZA). FRICKER, Ronald, Kevin
[ZA/ZA]; 654A Corrine Street, Garsfontein,
0042 Pretoria (ZA). SMIT, Marthinus,
Christoffel [ZA/ZA]; 793A Platrand Street,
Faerie Glen, 0043 Pretoria (ZA).

(74) DUNLOP, Alan, J., S. et al. / etc.; Hahn &
Hahn Inc., 222 Richard Street, Hatfield, 0083
Pretoria (ZA).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE

- (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G04G 15/00**
- (11) **WO 02/41084** (13) A1
- (21) PCT/GB01/05086
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 0028093.3 **17 Nov/nov 2000 GB (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRICAL POWER CONTROL SYSTEM
• SYSTEME DE COMMANDE D'ALIMENTATION ELECTRIQUE
- (71, 72) **RATCLIFFE, Anthony, Brotherton** [GB/GB]; The Old Rectory, Ripe, East Sussex BN8 6AU (GB).
- (74) **KAZI, Ilya** 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B**
- (11) **WO 02/41085** (13) A2
- (21) PCT/IL01/01056
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/247,936 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD TO ELIMINATE THE DEAD TIME INFLUENCE IN A PWM-DRIVEN SYSTEM
• SYSTEME ET PROCEDE VISANT A ELIMINER L'INFLUENCE DES TEMPS MORTS DANS UN SYSTEME COMMANDE PAR MODULATION D'IMPULSIONS EN LARGEUR (PWM)
- (71) **YASKAWA ESHED TECHNOLOGY LTD.** [IL/IL]; 13 Hamelacha Street, Afek Ind. Zone, Rosh Ha'ayin 48091 (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VILLARET, Yves** [IL/IL]; 9 Hakinor Street, 38510 Hadera (IL).
- (74) **LANGER, Edward**; POB 410, Ra'anana 43103 (IL).
- (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B**
- (11) **WO 02/41086** (13) A2
- (21) PCT/US01/47308
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,145 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CONTROL SYSTEM METHODS AND APPARATUS FOR INDUCTIVE COMMUNICATION ACROSS AN ISOLATION BARRIER
• SYSTEME DE COMMANDE, PROCEDES ET APPAREIL DE COMMUNICATION INDUCTIVE A TRAVERS UNE BARRIERE D'ISOLEMENT
- (71) **FOXBORO COMPANY** [US/US]; 33 Commercial Street, Foxboro, MA 02035 (US).
- (72) **CALVIN, James**; 10 Twin Oak, Mansfield, MA 02048 (US).
- (74) **POWSNER, David, J.** et al. / etc.; Nutter, McClennen & Fish LLP, One Internationall Place, Boston, MA 02110-2699 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B 5/00, 15/00, 17/00, 23/00**
- (11) **WO 02/41087** (13) A1
- (21) PCT/SE01/02459
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 0004171-5 **15 Nov/nov 2000 SE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A METHOD AND A SYSTEM FOR EVALUATING WHETHER A SIGNAL IS SUITABLE FOR FEED-FORWARD CONTROL
- PROCEDE ET SYSTEME PERMETTANT D'EVALUER SI UN SIGNAL EST ADAPTE A LA PRECOMPENSATION
- (71) **ABB AB** [SE/SE]; S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETERSSON, Mikael** [NL/NL]; Syrénvågen 3, S-224 56 Lund (NL). **HÄGGLUND, Tore** [SE/SE]; Västgötavägen 9, S-222 25 Lund (SE). **ÄRZÉN, Karl-Erik** [SE/SE]; Grengatan 36, S-212 32 Malmö (SE).
- (74) **REYIER, Ann-Mari** et al. / etc.; Bjerkéns Patentbyrå KB, Box 128, S-721 05 Västerås (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B 11/01**
- (11) **WO 02/41088** (13) A1
- (21) PCT/US01/43122
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,482 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CONTROL VARIABLES
• VARIABLES DE CONTROLE
- (71) **LECROY CORPORATION** [US/US]; 700 Chestnut Ridge Road, Chestnut Ridge, NY 10977-6499 (US).
- (72) **FARKAS, Rudolf**; 38, avenue W.-Favre, CH-1207 Geneva (CH).
- (74) **FROMMER, William, S.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 19/10

(11) WO 02/41089 (13) A1

(21) PCT/DE01/04259

(22) 15 Nov/nov 2001 (15.11.2001)

(25) de (26) de

(30) 100 56 731.2 15 Nov/nov 2000 DE
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR OPERATING CONTROL SYSTEMS

• DISPOSITIF POUR L'UTILISATION DE SYSTEMES DE COMMANDE

(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) KUHN, Thomas [DE/DE]; Grosse Gasse 27, 64720 Michelstadt (DE). LJUBIMOV, Alexandr [RU/RU]; Schelkovskoe shohse, House 35, Building 1, Flat 52, R-107241 Moskau (RU). MARTINOV, Georgi [RU/RU]; Studenchenskaja Street, House 13, Flat 15, F-121151 Moskau (RU). SOSONKIN, Vladimir [RU/RU]; Bolshaja Perejaslavkaja Street, House 6, Building 2, Flat 183, R-129110 Moskau (RU).

(74) THÜRER, Andreas; Rexroth Indramat GmbH, Bgm.-Dr.-Nebel-Strasse 2, 97816 Lohr am Main (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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G05B 19/418, G06F 17/60

(11) WO 02/41090 (13) A1

(21) PCT/NL00/00837

(22) 16 Nov/nov 2000 (16.11.2000)

(25) nl (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR OFFERING AND TRADING MATERIAL WORKING OPERATIONS AND MATERIAL WORKING PRODUCTS

• DISPOSITIF ET PROCÉDE POUR PROPOSER ET NEGOCIER DES OPERATIONS D'USINAGE SUR MATERIAUX ET DES PRODUITS USINES

(71) METALUNITY B.V. [NL/NL]; Hongkongstraat 12, NL-3047 BS Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN APELDOORN, Carel, Wilhelm, Theodoor [NL/NL]; Korte Kade 52A, NL-3062 GT Rotterdam (NL). VAN ARDENNE, Lucas, Leonardus, Jozef [NL/NL]; Groenendaal 27D, NL-3011 SK

Rotterdam (NL). BENDERS, Jurg [NL/NL]; Groenendaal 27D, NL-3011 SK Rotterdam (NL). FORTUNATI, Edgar, Arthur [NL/NL]; De Genestetstraat 1, NL-6824 NR Arnhem (NL). VAN SORGEN, Carel, Johannes, Wilhelm, Theodoor [NL/NL]; Bataafseweg 6, NL-7101 PA Winterswijk (NL).

(74) PRINS, Ir, A., W.; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G05B 23/02

(11) WO 02/41091 (13) A1

(21) PCT/SG01/00231

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/248,402 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR MANAGING PROCESS TRANSITIONS
• PROCÉDE ET APPAREIL PERMETTANT DE GERER DES TRANSITIONS DE PROCESSUS(71) NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG). HONEYWELL PTE. LTD. [SG/SG]; Singapore Technology Centre, Honeywell Building, 17 Changi Business Park Central 1, Singapore 486073 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SRINIVASAN, Rajagopalan [IN/SG]; 105 Clementi Road, #06-06, Singapore 129789 (SG). SUNDARRAMAN, Anandakrishnan [IN/IN]; Plot no. 46, Door no. 4, Bhuvaneshwari Nagar, 4th Street, Shromepet, Chennai 600044 (IN). VISWANATHAN, Pradeep, Kumar [IN/IN]; #2, 'Anubav', 12 Valluvar Road Extension, Jagannatha Nagar, Arumbakkam, Chennai 600106 (IN).

(74) SACHITHANANTHAN, Suresan; c/o Tan Rajah & Cheah, 9 Battery Road #15-00, Straits Trading Building, Singapore 049910 (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 NO NZ PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

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

(51)⁷ G05D

(11) WO 02/41092 (13) A2

(21) PCT/US00/42175

(22) 14 Nov/nov 2000 (14.11.2000)

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • IRRIGATION CONTROLLER USING MODIFIED REGRESSION MODEL

• UNITE DE COMMANDE D'IRRIGATION A MODELE DE REGRESSION MODIFIE

(71) AQUA CONSERVATION SYSTEMS, INC. [US/US]; Suite A25, 2900 Adams, Riverside, CA 92504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUHLER, Kirk [US/US]; Aqua Conservation Systems, Inc., Suite A25, 2900 Adams, Riverside, CA 92504 (US). ADDINK, Sylvan [US/US]; Aqua Conservation Systems, Inc., Suite A25, 2900 Adams, Riverside, CA 92835 (US).

(74) FISH, Robert; Fish & Associates, LLP, Suite 706, 1440 N. Harbor Boulevard, Fullerton, CA 92835 (US).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G05D 1/00

(11) WO 02/41093 (13) A2

(21) PCT/US01/43072

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 09/709,280 13 Nov/nov 2000 US
(13.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • AN IMPROVED SYSTEM AND METHOD FOR IMPLEMENTING A CONSTELLATION OF NON-GEOSTATIONARY SATELLITES THAT DOES NOT INTERFERE WITH THE GEOSTATIONARY SATELLITE RING

• SYSTEME ET PROCÉDE AMELIORES PERMETTANT DE METTRE EN OEUVRE UNE CONSTELLATION DE SATELLITES NON GEOSTATIONAIRES SANS INTERFERENCE AVEC L'ANNEAU DE SATELLITES GEOSTATIONNAIRES

(71, 72) DRAIM, John, E. [US/US]; 9310 Telfer Court, Vienna, VA 22182 (US).

(74) SONGER, Michael, J. et al. / etc.; Arnold & Porter, 555 12th Street, N.W., Washington, DC 20004-1206 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G05D 22/00, B65D 81/26**

(11) **WO 02/41094** (13) A1

(21) PCT/GB01/05046

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 0028208.7 **18 Nov/nov 2000 GB (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A HUMIDITY CONTROL DEVICE

• DISPOSITIF DE REGULATION DE L'HUMIDITE

(71, 72) **RUSSELL-SMITH, Geoffrey** [GB/GB]; 23 Bluecoat Close, Nottingham NG1 4DP (GB).

(74) **POWELL, Timothy, J.**; 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G05D 23/00, G05B 13/00**

(11) **WO 02/41095** (13) A1

(21) PCT/US01/43953

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 09/717,180 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MONITORING AND ADJUSTING INDOOR AIR QUALITY

• SURVEILLANCE ET REGULATION DE LA QUALITE D'AIR A L'INTERIEUR DES LOCAUX

(71) **BECHTEL BWXT IDAHO, LLC** [US/US]; P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(72) **HARTENSTEIN, Steven, D.**; 2825 Druvor Street, Idaho Falls, ID 83402 (US). **TREMBLAY, Paul, L.**; 185 East 20th Street, Idaho Falls, ID 83404 (US). **FRYER, Michael, O.**; 755 North 2850 East, Roberts, ID 83444 (US). **HOHORST, Frederick, A.**; 2051 Monticello Drive, Idaho Falls, ID 83404 (US).

(74) **CHRISTIAN, Stephen, R.**; Bechtel Bwxt Idaho LLC, P.O. Box 1625, Idaho Falls, ID 83415-3899 (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 SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/46**

(11) **WO 02/41096** (13) A1

(21) PCT/DE01/03974

(22) **18 Oct/oct 2001 (18.10.2001)**

(25) de (26) de

(30) 100 56 293.0 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CIRCUIT ARRANGEMENT FOR GENERATING A CONTROLLABLE OUTPUT VOLTAGE

• CIRCUIT DESTINE A LA PRODUCTION D'UNE TENSION DE SORTIE COMMANDABLE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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

(72, 75) **HEIN, Thomas** [DE/DE]; Alfred-Schmidt-Str. 31, 81379 München (DE). **HEYNE, Patrick** [DE/DE]; Hoheneckstr. 50b, 81243 München (DE). **MARX, Thilo** [DE/DE]; Sebastian-Kneipp-Str. 32, F-78048 Villingen-Schwenningen (DE). **PARTSCH, Vorsten** [DE/US]; 5104 Spring Meadow Drive, Chapel Hill, NC 27514 (US).

(74) **EPPING HERMANN & FISCHER**; Riederstrasse 55, 80039 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(25) en (26) en

(30) 60/247,888 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A WEB-BASED FEEDBACK ENGINE AND OPERATING METHOD

• MOTEUR DE RETOUR D'INFORMATION BASE SUR LE WEB ET PROCEDE DE FONCTIONNEMENT

(71) **FEEDMEBACK.COM LTD.** [IL/IL]; 12 Radak Street, Ramat-Gan 52403 (IL).

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

(72, 75) **ANATI, Daniel** [IL/IL]; 12 Radak Street, Ramat-Gan 52403 (IL).

(74) **LANGER, Edward**; POB 410, Ra'anana 43103 (IL).

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F**

(11) **WO 02/41098** (13) A2

(21) PCT/SE01/02551

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/249,497 **16 Nov/nov 2000 US (16.11.2000)**

(30) 09/814,434 **21 Mar/mar 2001 US (21.03.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMMUNICATION SYSTEM AND METHOD FOR SHARED CONTEXT COMPRESSION

• SYSTEME ET PROCEDE DE COMMUNICATION POUR UNE COMPRESSION DE CONTEXTE PARTAGE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; SE-126 25 Stockholm (SE).

(72) **SVANBRO, Krister**; Mjölkkudsvägen 133, 1 tr, S-973 43 Luleå (SE). **ALLDÉN, Johan**; Tunastigen 9, SE-973 44 Luleå (SE).

(74) **GULLSTRAND, Malin**; Ericsson Radio Systems AB, Patent Unit Research, S-164 80 Stockholm (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 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 TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F**

(11) **WO 02/41099** (13) A2

(21) PCT/US01/25799

(22) **17 Aug/août 2001 (17.08.2001)**

(25) en (26) en

(30) 60/226,187 **18 Nov/nov 2000 US (18.11.2000)**

(30) 09/829,364 **6 Apr/avr 2001 US (06.04.2001)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • METHODS AND SYSTEMS FOR JOB-BASED ACCOUNTING
• PROCEDES ET SYSTEMES DE COMPTABILISATION FONDEE SUR LE TRAVAIL
- (71) **IN2M CORPORATION** [US/US]; Suite 105, 859 West South Jordan Parkway, South Jordan, UT 84095 (US).
- (72) **SMITH, Steven, B.**; 4515 South Butternut Road, Holladay, UT 84117 (US). **THOMAS, Nicholas, A.**; 694 East 1650 South, Orem, UT 84097 (US). **ROSNER, Warren, M.**; 1897 West Town Meadows Court, South Jordan, UT 84095 (US).
- (74) **JOHNSON, Christopher, L.** et al. / etc.; Kirton & McConkie, 1800 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41100** (13) A2
(21) PCT/US01/42958
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 60/249,925 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR PROVIDING MEDIA CONTENT
• PROCEDE ET SYSTEME DE DISTRIBUTION DE CONTENU MEDIA
- (71, 72) **WAITES, Christopher, P.** [US/US]; 17 Reverse Beach Parkway, Medford, MA 02155 (US).
- (74) **RZUCIDLO, Eugene, C.**; Greenberg Traurig LLP, 885 Third Avenue, Twenty-Second Floor, New York, NY 10022 (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 SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41101** (13) A2
(21) PCT/US01/43087
(22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
(30) 09/711,932 **15 Nov/nov 2000 US (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR TRANSMITTING DATA WITH ENHANCED SECURITY THAT CONFORMS TO A NETWORK PROTOCOL
• PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES A SECURITE RENFORCEE CONFORME A UN PROTOCOLE DE RESEAU
- (71) **NETCHARGE.COM, INC.** [US/US]; Suite 202A, 2201 East Camelback Road, Phoenix, AZ 85016 (US).
- (72) **MOORE, Scott, C.**; 614 North St. Paul, Mesa, AZ 85205 (US).
- (74) **BOSWELL, Mary, Jane** et al. / etc.; Morgan, Lewis & Bockius LLP, 1800 M Street, NW, Washington, DC 20036 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
(11) **WO 02/41102** (13) A2
(21) PCT/US01/43210
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,482 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESSING WEB EDITOR FOR DATA PROCESSING IN A DIGITAL OSCILLOSCOPE OR SIMILAR INSTRUMENT
• EDITEUR DE RESEAU DE TRAITEMENT POUR TRAITEMENT DE DONNEES DANS UN OSCILLOSCOPE NUMERIQUE OU UN INSTRUMENT SIMILAIRE
- (71) **LeCROY CORPORATION** [US/US]; 700 Chestnut Ridge Road, Chestnut Ridge, NY 10977-6499 (US).
- (72) **CAKE, Anthony**; 4 rue des Vernes, CH-1217 Meyrin (CH). **SALANT, Lawrence, Steven**; 5 David Drive, New Hempstead, NY 10977 (US). **CAMPICHE, Thierry**; 3, rue Hugo-de-Senger, CH-1205 Geneva (CH).
- (74) **FROMMER, William, S.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (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 SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41104** (13) A2
(21) PCT/US01/43255
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 09/715,578 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • AN INSTRUCTION SET ARCHITECTURE TO AID CODE GENERATION FOR HARDWARE PLATFORMS MULTIPLE HETEROGENEOUS FUNCTIONAL UNITS
• ARCHITECTURE DESTINEE A ASSISTER LA GENERATION DE CODE POUR DES PLATEFORMES POSSEDANT DE MULTIPLES UNITES FONCTIONNELLES HETEROGENES
- (71) **PROCELER, INC.** [US/US]; Building 2, Suite 1730, 2727 Paces Ferry Road, Atlanta, GA 30339 (US).
- SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41103** (13) A2
(21) PCT/US01/43211
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,482 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • STREAMING ARCHITECTURE FOR WAVEFORM PROCESSING
• ARCHITECTURE EN CONTINU POUR TRAITEMENT DE FORME D'ONDE
- (71) **LeCROY CORPORATION** [US/US]; 700 Chestnut Ridge Road, Chestnut Ridge, NY 10977-6499 (US).
- (72) **MILLER, Martin, Thomas**; 6 chemin de Nery, CH-1285 Avusy (CH). **LIBBY, Jonathan, Calvin**; 30 Shaker Road, Gray, ME 04039 (US). **RITTER, Gilles**; En Cretaz-Tavex, CH-1867 Ollon (CH).
- (74) **FROMMER, William, S.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (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 SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41104** (13) A2
(21) PCT/US01/43255
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 09/715,578 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • AN INSTRUCTION SET ARCHITECTURE TO AID CODE GENERATION FOR HARDWARE PLATFORMS MULTIPLE HETEROGENEOUS FUNCTIONAL UNITS
• ARCHITECTURE DESTINEE A ASSISTER LA GENERATION DE CODE POUR DES PLATEFORMES POSSEDANT DE MULTIPLES UNITES FONCTIONNELLES HETEROGENES
- (71) **PROCELER, INC.** [US/US]; Building 2, Suite 1730, 2727 Paces Ferry Road, Atlanta, GA 30339 (US).

- (72) **PALEM, Krishna**; 3226J Post Woods Drive, Atlanta, GA 30339 (US). **PATEL, Hitesh**; Apartment 15E, 4545 River Parkway, Atlanta, GA 30339 (US). **YALAMANCHILI, Sudhakar**; 1726 Barrington Circle, Marietta, GA 30062 (US).
- (74) **GOLDMAN, William, G.**; Gray Cary Ware & Freidenrich LLP, 1755 Embarcadero Road, Palo Alto, CA 94303-3340 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41105** (13) A2
- (21) PCT/US01/43538
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/713,966 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ONLINE DIAGNOSING OF COMPUTER HARDWARE AND SOFTWARE
- DIAGNOSTIC EN LIGNE POUR MATÉRIELS INFORMATIQUES ET LOGICIELS
- (71) **DMO, INC.** [US/US]; 3401 Industrial Lane, Unit E, Broomfield, CO 80020 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WING, Robert** [US/US]; 1540 Ford Court, Louisville, CO 80027 (US). **LAWTON, Harvey** [US/US]; 8620 West 93rd Place, Westminster, CO 80021 (US).
- (74) **KNEPPER, Bradley, M.** et al. / etc.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 NO NZ PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41106** (13) A2
- (21) PCT/US01/43891
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 09/714,774 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR MANAGING RECURRING ORDERS IN A COMPUTER NETWORK
- SYSTEME ET PROCEDE SERVANT A GERER DES ORDRES REPETITIFS DANS UN RESEAU INFORMATIQUE
- (63) US 09/714,774 (CON)
16 Nov/nov 2000 (16.11.2000)
- (71) **QUIXTAR INVESTMENTS, INC.** [US/US]; Suite 3275, 30600 Telegraph Road, Bingham Farms, MI 48025 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KERKER, William, S.** [US/US]; 2116 Pine Aire Street, Jenison, MI 49428 (US). **PAASCHE, Thomas, D.** [US/US]; 140 Gilpin Street, Grand Rapids, MI 49505 (US). **BAMBOROUGH, Dave** [US/US]; 1786 Middleground Drive, S.E., Kentwood, MI 49546 (US). **HORDER-KOOP, Robin** [US/US]; 8099 Wilderness Trail, N.E., Ada, MI 49301 (US). **MCDONALD, Kenneth, J.** [US/US]; 9171 Conservancy, Ada, MI 49301 (US). **PARKER, John, P.** [US/US]; 2488 Fairwinds Court, Ada, MI 49301 (US). **ZEVALKINK, Claire, E.** [US/US]; 2900 Pioneer Club Road, Grand Rapids, MI 49506 (US).
- (74) **FILIGENZI, Marc**; Alticor Inc., 7575 Fullton Street, Ada, MI 49355 (US).
- (81) AE AG AL AM AT AU (Petty patent) AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41107** (13) A2
- (21) PCT/US01/43919
- (22) **18 Nov/nov 2001 (18.11.2001)**
- (25) en (26) en
- (30) 60/252,682 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEMS AND METHODS FOR MOBILE AND PERSVASIVE OUTPUT
- SYSTEMES ET PROCEDES DESTINES A UNE SORTIE MOBILE ET OMNIPRESENTE
- (71) **FLEXIWORLD TECHNOLOGIES, INC.** [US/US]; 16900 SE 26th Drive #94, Vancouver, WA 98687 (US).
- (72) **CHANG, William, Ho**; 16900 SE 26th Drive #94, Vancouver, WA 98687 (US). **LIU, Chritina, Ying**; 16900 SE 26th Drive #94, Vancouver, WA 98687 (US).
- (74) **MEININGER, Mark, M.**; Ipsolon LLP, 805 SW Broadway #2740, Portland, OR 97205 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41109** (13) A2
- (21) PCT/US01/44150
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/715,958 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • GLOBAL VENDOR FINANCING SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE FINANCEMENT GLOBAL PAR LE VENDEUR
- (71) **HELLER FINANCIAL, INC.** [US/US]; 500 West Monroe Street, Chicago, IL 60661-3630 (US).
- (72) **BARRY, John**; 2121 Scarlet Oak Lane, Lisle, IL 60532 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(74) **AUBUCHON, F., David**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G06F**

(11) **WO 02/41110** (13) A2

(21) PCT/US01/45439

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/718,176 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **METHOD AND SYSTEM FOR DETERMINING EFFICIENT INVENTORY LEVELS**

● **PROCEDE ET SYSTEME POUR DETERMINER DES NIVEAUX DE STOCK EFFICACES**

(71) **JOHNSON & JOHNSON CONSUMER COMPANIES, INC.** [US/US]; 199 Grandview Road, Skillman, NJ 08558 (US).

(72) **LEH, Brian**; 1355 Meadow Avenue, Shoreview, MN 55126 (US). **CARREON, Victor, E.**; 59 Firwood, Irvine, CA 92604 (US). **KROK, David, C.**; 4926 Bayswater Road, Minnetonka, MN 55345 (US). **DAAS, Jeffrey, S.**; 15322 Fish Point Road, SE, Prior Lake, MN 55372 (US).

(74) **DUNNAM, Michael, P.** et al. / etc.; Woodcock Washburn LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F**

(11) **WO 02/41111** (13) A2

(21) PCT/US01/45647

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/249,670 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **DYNAMIC CURRENCY CONVERSION**
● **CONVERSION DYNAMIQUE DE DEVICES**

(71) **COMMERCE ONE** [US/US]; 4440 Rosewood Drive, Pleasanton, CA 94588 (US).

(72) **RAMESH, Balwani**; 3420 Broderick Street, San Francisco, CA 94123 (US).

(74) **RITCHIE, David, B.** et al. / etc.; Thelen, Reid & Priest, LLP, P.O. Box 640640, San Jose, CA 95164-0640 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G06F**

(11) **WO 02/41112** (13) A2

(21) PCT/US01/45794

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/249,671 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **PROFILE-BASED PRICING**

● **ETABLISSEMENT DE PRIX EN FONCTION DE PROFILS**

(71) **COMMERCE ONE** [US/US]; 4440 Rosewood Drive, Pleasanton, CA 94588 (US).

(72) **RAMESH, Balwani**; 3420 Broderick Street, San Francisco, CA 94123 (US).

(74) **RITCHIE, David, B.** et al. / etc.; Thelen Reid & Priest, LLP, P.O. Box 640640, San Jose, CA 95164-0640 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G06F**

(11) **WO 02/41113** (13) A2

(21) PCT/US01/46061

(22) **1 Nov/nov 2001 (01.11.2001)**

(25) en (26) en

(30) 09/705,525 **3 Nov/nov 2000 US (03.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **APPARATUS AND METHOD FOR CONDUCTING A SURVEY**
● **DISPOSITIF ET PROCEDE DESTINES A CONDUIRE UNE ENQUETE**

(71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) **WEBER, Robert, P.**; 1109 Claridge Drive, Libertyville, IL 60048 (US). **PETERSON, Grant, Alexander**; 2041 W. Farwell, Chicago, IL 60645 (US).

(74) **PRICE, Bradford, R. L.** et al. / etc.; Baxter Healthcare Corporation, Route 120 and Wilson Road, (RPL-30), Round Lake, IL 60073 (US).

(81) AU BR CA CN IN JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F**

(11) **WO 02/41114** (13) A2

(21) PCT/US01/46135

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) en (26) en

(30) 60/244,422 **30 Oct/oct 2000 US (30.10.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **VERIFICATION ENGINE FOR USER AUTHENTICATION**

● **MOTEUR DE VERIFICATION POUR AUTHENTIFICATION D'UTILISATEUR**

(71) **RAF TECHNOLOGY, INC.** [US/US]; 16650 NE 79th Street, Suite 200, Redmond, WA 98033 (US).

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

(72, 75) **ROSS, David, Justin** [US/US]; 16650 NE 79th Street, Suite 200, Redmond, WA 98052 (US).

(74) **PANOFF, Christopher, V.**; Stael Rives LLP, 900 SW Fifth, Suite 2600, 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G06F**

(11) **WO 02/41115** (13) A2

(21) PCT/US01/47209

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 60/252,016 **20 Nov/nov 2000 US (20.11.2000)**

(30) 09/766,760 **22 Jan/jan 2001 US (22.01.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● **METHOD AND SYSTEM FOR AGGREGATING REAL ESTATE INFORMATION CONTENT IN AN ON-LINE COMPUTING ENVIRONMENT**

● **PROCEDE ET SYSTEME PERMETTANT D'ACCUMULER UN CONTENU D'INFORMATIONS EN MATIERE D'IMMOBILIER DANS UN ENVIRONNEMENT INFORMATIQUE EN LIGNE**

- (71) **GENERAL ELECTRIC CAPITAL CORPORATION** [US/US]; 260 Long Ridge Road, Stamford, CT 06927 (US).
- (72) **JACOBSON, Jeffrey**; 10611 Morning Field Drive, Potomac, MD 20854 (US). **SEGAL, Ronald**; 201 East 28th Street, Apartment 10D, New York, NY 10016 (US).
- (74) **PETTY, W., Scott et al.** / etc.; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41116** (13) A2
 (21) PCT/US01/47210
 (22) **19 Nov/nov 2001 (19.11.2001)**
 (25) en (26) en
 (30) 60/252,015 **20 Nov/nov 2000 (20.11.2000)** US
 (30) 09/766,726 **22 Jan/jan 2001 (22.01.2001)** US
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND SYSTEM FOR PROVIDING PROPERTY MANAGEMENT SERVICES IN AN ON-LINE COMPUTING ENVIRONMENT
 ● PROCEDE ET SYSTEME PERMETTANT DE FOURNIR DES SERVICES DE GESTION DE BIENS IMMOBILIERS DANS UN ENVIRONNEMENT INFORMATIQUE EN LIGNE
- (71) **GENERAL ELECTRIC CAPITAL CORPORATION** [US/US]; 292 Long Ridge Road, Stamford, CT 06927 (US).
- (72) **PIANIN, Carolyn**; 19 Norfield Woods Road, Weston, CT 06883-2232 (US).
- (74) **PETTY, W., Scott**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41117** (13) A2
 (21) PCT/US01/47436
- (22) **8 Nov/nov 2001 (08.11.2001)**
 (25) en (26) en
 (30) 60/246,673 **8 Nov/nov 2000 (08.11.2000)** US
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SYSTEM AND METHOD FOR INTEGRATING AND ANALYZING FINANCIAL INFORMATION FROM MULTIPLE SOURCES
 ● SYSTEME ET PROCEDE D'INTEGRATION ET D'ANALYSE D'INFORMATIONS FINANCIERES EN PROVENANCE DE SOURCES MULTIPLES
- (71) **PROOF 9, INC.** [US/US]; 1776 Broadway, Suite 1006, New York, NY 10019 (US).
- (72) **LAMOINE, Stephane**; Proof 9, 3, rue de 4 Septembre, F-75002 Paris (FR). **CHTOUROU, Habib**; Proof 9, 3 rue de 4 septembre, F-75002 Paris (FR).
- (74) **HEATH, David, L.** et al. / etc.; Greenberg Traurig, LLP, 885 Third Avenue, New York, NY 10022 (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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41118** (13) A2
 (21) PCT/US01/48057
 (22) **1 Nov/nov 2001 (01.11.2001)**
 (25) en (26) en
 (30) 60/245,101 **1 Nov/nov 2000 (01.11.2000)** US
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SYSTEM AND METHOD FOR DEVICE-TO-DEVICE PERSVASIVE DIGITAL OUTPUT
 ● SYSTEME ET PROCEDE PERMETTANT UNE SORTIE NUMERIQUE UNIVERSELLE DE DISPOSITIF A DISPOSITIF
- (71) **FLEXIWORLD TECHNOLOGIES, INC.** [US/US]; 16900 SE 26th Drive #94, Vancouver, WA 98687 (US).
- (72) **CHANG, William, Ho**; 16900 SE 26th Drive #94, Vancouver, WA 98687 (US). **LIU, Christina, Ying**; 16900 SE 26th Drive #94, Vancouver, WA 98687 (US).
- (74) **MEININGER, Mark, M.**; Ipsolon LLP, 805 SW Broadway #2740, Portland, OR 97205 (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 PL PT RO RU SD
- SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41120** (13) A2
 (21) PCT/US01/51200
 (22) **13 Nov/nov 2001 (13.11.2001)**
 (25) en (26) en
 (30) 09/714,315 **16 Nov/nov 2000 (16.11.2000)** US
 (43) 23 May/mai 2002 (23.05.2002)
- (54) ● AUTOMATED ONLINE SALES RISK MANAGEMENT SYSTEM
 ● SYSTEME AUTOMATISE DE GESTION DE RISQUES DE VENTES EN LIGNE
- (71) **GOLDMAN, SACHS & CO.** [US/US]; One New York Plaza, New York, NY 10004 (US).
- (72) **GREENER, Sharon**; 126 Rumson Road, Rumson, NJ 07760 (US). **HIGGINS, Mark**; Apartment 3B, 45 West 60th Street, New York, NY 10023 (US). **ANAGNOSTOPOULOS, Effie, Konstantine**; # 2RW, 515 West 48th Street, New York, NY 10036 (US).

- YOUNG, Paul**; 25 Broad Street, #18L, New York, NY 10004 (US). **ROTHMAN, Daniel, J.**; 43 Crosby Street, New York, NY 10012 (US). **GODFREY, John**; 52 Gloucester Place Mews, London W1H 3PL (GB). **GUNWARDENA, Mel**; 422 East 72nd Street, Apt. 5A, New York, NY (US).
- (74) **KINCART, Joseph, P.**; Clifford Chance Rogers & Wells LLP, 200 Park Avenue, New York, NY 10166 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41121** (13) A2
(21) PCT/US01/51408
(22) **19 Oct/oct 2001 (19.10.2001)**
(25) en (26) en
(30) 30/241,930 **20 Oct/oct 2000 US (20.10.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • BROADCAST BROWSER INCLUDING MULTI-MEDIA TOOL OVERLAY AND METHOD OF PROVIDING A COVERGED MULTI-MEDIA DISPLAY INCLUDING USER-ENHANCED DATA
• NAVIGATEUR DE RADIODIFFUSION COMPRENANT UN REVETEMENT D'OUTILS MULTIMEDIAS ET PROCEDE DESTINE A FOURNIR UN AFFICHAGE MULTIMEDIA CONVERGENT CONTENANT DES DONNEES AMELIOREES PAR UN UTILISATEUR
- (71) **WAVEXPRESS, INC.** [US/US]; One Pennsylvania Plaza, Suite 2400, New York, NY 10119 (US).
- (72) **BECKMAN, Eric**; 176 Broadway, New York, NY 10038 (US). **PERHAES, Michael**; 261 West 21st Street, Apartment 21, New York, NY 10011 (US). **SPRAGUE, Michael**; 73 Bedford Street, New York, NY 10014 (US).
- (74) **BOURQUE, Daniel, J.** et al. / etc.; Bourque & Associates, P.A., Suite 301, 835 Hanover Street, Manchester, NH 03104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/00, G08B 25/01**
(11) **WO 02/41122** (13) A1
(21) PCT/AU01/01490
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 71641/00 **16 Nov/nov 2000 AU (16.11.2000)**
(30) PR 2674 **23 Jan/jan 2001 AU (23.01.2001)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • METHOD FOR IDENTIFYING THE NETWORK LOCATION OF A COMPUTER CONNECTED TO A COMPUTER NETWORK
• PROCEDE PERMETTANT D'IDENTIFIER L'IMPLANTATION RESEAU D'UN ORDINATEUR CONNECTE A UN RESEAU INFORMATIQUE
- (71, 72) **MANCHIN, Paul** [AU/AU]; 8 Muscovy Avenue, Paradise Point, Queensland 4216 (AU).
- (74) **PIZZEYS PATENT AND TRADE MARK ATTORNEYS**; Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/00**
(11) **WO 02/41123** (13) A2
(21) PCT/EP01/12908
(22) **8 Nov/nov 2001 (08.11.2001)**
(25) de (26) de
(30) 100 56 989.7 **17 Nov/nov 2000 DE (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • ENCRYPTION SYSTEM
• SYSTEME DE CODAGE
- (71) **SECWARE TECHNOLOGIES AG** [DE/DE]; Karl-Liebknecht-Strasse 11, 10178 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIPL.-MATH. HEINICKE, DIETRICH** [DE/DE]; Rathausstrasse 13, 10178 Berlin (DE).
- (74) **VONNEMANN KLOIBER LEWALD HÜBNER**; An der Alster 84, 20099 Hamburg (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/00**
(11) **WO 02/41124** (13) A2
(21) PCT/EP01/13187
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en
(30) 09/713,073 **15 Nov/nov 2000 US (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • POWER MANAGEMENT METHOD AND ARRANGEMENT FOR BUS-COUPLED CIRCUIT BLOCKS
• PROCEDE ET DISPOSITIF DE GESTION DE PUISSANCE POUR BLOCS CIRCUITS COUPLES A UN BUS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **SETHIA, Rajeev**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DE JONG, Durk, J.**; INTERNATIONAAL OCTROOIBUREAU B.V., 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/00**
(11) **WO 02/41125** (13) A2
(21) PCT/GB01/04930
(22) **7 Nov/nov 2001 (07.11.2001)**
(25) en (26) en
(30) 0028278.0 **20 Nov/nov 2000 GB (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • PERSONAL AUTHENTICATION SYSTEM
• SYSTEME D'AUTHENTIFICATION PERSONNEL
- (71) **TAO GROUP LIMITED** [GB/GB]; 62/63 Suttons Business Park, Suttons Park Avenue, Reading, Berkshire RG6 1AZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVIES, Philip, Michael** [GB/GB]; 1 Ravenswood Gardens, Southsea, Hants PO5 2LU (GB).

(74) **MAGGS, Michael, Norman** 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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **G06F 1/20, F16L 59/02, H05K 7/20**

(11) **WO 02/41126** (13) A1

(21) PCT/JP01/09984

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-349356 **16 Nov/nov 2000 (16.11.2000)** JP

(30) 2001-116592 **16 Apr/avr 2001 (16.04.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • PORTABLE INFORMATION EQUIPMENT
• EQUIPEMENT INFORMATIQUE PORTABLE

(71) **MATSUSHITA REFRIGERATION COMPANY** [JP/JP]; 2-5, Takaidahondori 4-chome, Higashiosaka-shi, Osaka 577-8501 (JP).

(72) **YUASA, Akiko**; 1-19-8, Kasumizaka, Kyotanabe-shi, Kyoto 610-0352 (JP). **TANIMOTO, Yasuaki**; 6-17, Koshienguchikita-machi, Nishinomiya-shi, Hyogo 663-8112 (JP). **HIRAI, Chie**; 5-14, Takehashi-cho, Ibaraki-shi, Osaka 567-0815 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN KR.

(51)⁷ **G06F 3/00**

(11) **WO 02/41127** (13) A2

(21) PCT/CA01/01604

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 2,326,087 **16 Nov/nov 2000 (16.11.2000)** CA

(43) 23 May/mai 2002 (23.05.2002)

(54) • INWARD-LOOKING IMAGING SYSTEM
• SYSTÈME D'IMAGERIE CENTRIPÈTE

(71) **VR INTERACTIVE CORPORATION** [CA/CA]; Unit 1B, 102 Chain Lake Drive, Halifax, Nova Scotia B3S 1A7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUMMERS, Craig** [CA/CA]; Box 11 Tantallon, Halifax Regional Municipality, Nova Scotia B0J 3J0 (CA).

(74) **BOURASSA, Alain**; Moffat & Co., P.O. Box 2088, Station D, Ottawa, Ontario K1P 5W3 (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 3/00**

(11) **WO 02/41128** (13) A2

(21) PCT/DE01/04382

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 58 244.3 **19 Nov/nov 2000 (19.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • MEASURING METHOD FOR DETERMINING THE POSITION OF AN OBJECT IN FRONT OF A SCREEN AND A DEVICE FOR CARRYING OUT SAID METHOD

• PROCÉDE DE MESURE DESTINE A DETERMINER LA POSITION D'UN OBJET DEVANT UN ECRAN, ET DISPOSITIF DESTINE A LA MISE EN OEUVRE DE CE PROCÉDE

(71) **HEINRICH-HERTZ-INSTITUT FÜR NACHRICHTENTECHNIK BERLIN GMBH** [DE/DE]; Einsteinufer 37, 10587 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIU, Jin** [CN/DE]; Margueritenring 17, 12357 Berlin (DE). **FEDDERSEN, Eggert** [DE/DE]; Weinmeisterhornweg 99, 13593 Berlin (DE). **PASTOOR, Siegmund** [DE/DE]; Wartburgstrasse 12, 10823 Berlin (DE). **TIETJE, Volkert** [DE/DE]; Bandensche Str. 53, 10583 Berlin (DE).

(81) AU IL JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 3/00**

(11) **WO 02/41129** (13) A2

(21) PCT/EP01/13239

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) P-200000283 **20 Nov/nov 2000 (20.11.2000)** SI

(43) 23 May/mai 2002 (23.05.2002)

(54) • 3D SENSITIVE PLATE
• PLAQUES SENSIBLES EN 3D

(71) **AVENTEC HANDELS-, PRODUKTIONS- UND BERATUNGSGESELLSCHAFT MBH** [AT/AT]; Ankerhofenstr. 27, A-9020 Klagenfurt (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STARE, Janez** [SI/SI]; Triglavska 23, 4000 Kranj (SI). **POPOVIC, Branislav** [SI/SI]; Seljakovo naselje 19, 4000 Kranj (SI). **NOVAK, Franc** [SI/SI]; Brilejeva ulica 19, SI-1000 Ljubljana (SI). **RANKEL, Karel** [SI/SI]; Seljakovo naselje 51, SI-4000 Kranj (SI).

(74) **HUBER, Arnulf** et al. / etc.; Uexküll & Stolberg, Beselerstr. 4, 22607 Hamburg (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 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 3/00**

(11) **WO 02/41130** (13) A2

(21) PCT/GB01/04990

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) 0027957.0 **16 Nov/nov 2000 (16.11.2000)** GB

(43) 23 May/mai 2002 (23.05.2002)

(54) • KEYBOARD DISPLAY
• AFFICHAGE DE CLAVIER

(71, 72) **HUDSON, David** [GB/GB]; 144 Stockton Road, Hartlepool TS25 5AX (GB).

(74) **VINSOME, Rex, Martin**; Urquhart-Dykes & Lord, St. Nicholas Chambers, Newcastle Upon Tyne NE1 1PE (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 3/00**

(11) **WO 02/41131** (13) A2

(21) PCT/US01/45790

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/715,308 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • A METHOD AND SYSTEM FOR ENTERING DATA WITHIN A FLIGHT PLAN ENTRY FIELD
• PROCÉDE ET SYSTÈME D'ENTREE DE DONNEES DANS UN CHAMP D'ENTREE DE PLAN DE VOL

- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **GIBBS, Michael, J.**; 15809 North 8th Place, Phoenix, AZ 85022 (US). **MCCROBIE, Daneil, E.**; 10591 East Autumn Sage Drive, Scottsdale, AZ 85259 (US). **LEWIS, Daniel, E.**; 5353 Whispering Wind Drive, Glendale, AZ 85310 (US). **CHASE, Karl, L.**; 4335 W. Villa Rita Drive, Glendale, AZ 85308 (US). **ADAMS, Michael, B.**; 5419 E. Corrine Drive, Scottsdale, AZ 85254 (US). **VAN OMEN, Debi**; 7629 East Phantom Way, Scottsdale, AZ 85255 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G06F 3/02**
- (11) **WO 02/41132** (13) A1
(21) PCT/KR01/00748
(22) **9 May/mai 2001 (09.05.2001)**
(25) ko (26) en
(30) 2000/32321 U **18 Nov/nov 2000** KR
(**18.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● COMPUTER KEYBOARD
● CLAVIER D'ORDINATEUR
- (71) **TECHNOLOGY TREE CO., LTD.** [KR/KR]; 576-5 Shinsa-dong, Kangnam-ku, Seoul 135-120 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **YANG, Chung, Hwan** [KR/KR]; 209-305 Yanggimael 36, Sunae-dong, Bundang-ku, Sungnam-si, Kyonggi-do 463-921 (KR).
- (74) **JIN, Cheon, Woong**; #3F, Yonghun B/D, 1542-14 Seocho-dong, Seocho-ku, Seoul 137-070 (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 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41133** (13) A2
(21) PCT/US01/42759
(22) **16 Oct/oct 2001 (16.10.2001)**
(25) en (26) en
(30) 09/688,458 **16 Oct/oct 2000** US
(**16.10.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PRINT DRIVER APPARATUS AND METHODS FOR FORWARDING A PRINT JOB OVER A NETWORK
● PILOTE D'IMPRESSION ET PROCEDES PERMETTANT D'ENVOYER
- UN TRAVAIL D'IMPRESSION SUR UN RESEAU
- (71) **ELECTRONICS FOR IMAGING, INC.** [US/US]; 303 Velocity Way, Foster City, CA 94404 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LODWICK, Philip, A.** [US/US]; 7225 Garfield Avenue South, Richfield, MN 55423 (US).
- (74) **LIPSITZ, Barry, R.**; Law Offices of Barry R. Lipsitz, Building No. 8, 755 Main Street, Monroe, CT 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 ES FI GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 3/14**
- (11) **WO 02/41134** (13) A2
(21) PCT/US01/43531
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,577 **17 Nov/nov 2000** US
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A SYSTEM AND METHOD FOR PROCESSING PATIENT MEDICAL INFORMATION ACQUIRED OVER A PLURALITY OF DAYS
● SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES INFORMATIONS MEDICALES RECUEILLIES SUR UN PATIENT PENDANT PLUSIEURS JOURS
- (71) **SIEMENS MEDICAL SOLUTIONS USA, INC.** [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US).
- (72) **RUTLEDGE, Jolyn**; 7 Ashley Drive, Amesbury, MA 01913 (US). **MONTELEONE, Rand**; 5 Lincoln Drive, Acton, MA 01720 (US).
- (74) **BURKE, Alexander, J.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) JP NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G06F 3/14**
- (11) **WO 02/41135** (13) A2
(21) PCT/US01/43822
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,576 **17 Nov/nov 2000** US
(**17.11.2000**)
- (30) 09/942,516 **30 Aug/août 2001** US
(**30.08.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● FLEXIBLE FORM AND WINDOW ARRANGEMENT FOR THE DISPLAY OF MEDICAL DATA
● AGENCEMENT DE FORMULAIRES ET FENETRES FLEXIBLE DESTINE A L'AFFICHAGE DE DONNEES MEDICALES
- (71) **SIEMENS MEDICAL SOLUTIONS USA, INC.** [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US).
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A SYSTEM AND METHOD FOR PROCESSING PATIENT INFORMATION
● SYSTEME ET PROCEDE DE TRAITEMENT D'INFORMATIONS RELATIVES A UN PATIENT
- (71) **SIEMENS MEDICAL SOLUTIONS USA, INC.** [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US).
- (72) **AUER, John, E.**; 9 Linden Street, Ipswich, MA 01938 (US).
- (74) **BURKE, Alexander, J.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) CN IN JP NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 3/14**
- (11) **WO 02/41136** (13) A2
(21) PCT/US01/43826
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,572 **17 Nov/nov 2000** US
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● FULLY INTEGRATED CRITICAL CARE WORKSTATION
● POSTE DE TRAVAIL ENTIEREMENT INTEGRE POUR SOINS INTENSIFS
- (71) **SIEMENS MEDICAL SOLUTIONS USA, INC.** [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US).
- (72) **CAVALLARO, Samuel**; 245 Bean Road, Warner, NH 03278 (US). **SCHOLZ, Wolfgang**; 4 Berrywood Lane, Beverly, MA 01915 (US). **ORTLAM, Dieter**; 35 Apple Road, Beverly, MA 01915 (US). **ELAZ, Joseph**; 366 Candlestick Lane, N. Andover, MA 01845 (US).
- (74) **BURKE, Alexander, J.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) CN IN JP NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 3/14**
- (11) **WO 02/41137** (13) A2
(21) PCT/US01/45314
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 60/249,571 **17 Nov/nov 2000** US
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● FLEXIBLE FORM AND WINDOW ARRANGEMENT FOR THE DISPLAY OF MEDICAL DATA
● AGENCEMENT DE FORMULAIRES ET FENETRES FLEXIBLE DESTINE A L'AFFICHAGE DE DONNEES MEDICALES
- (71) **SIEMENS MEDICAL SOLUTIONS USA, INC.** [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US).

- (72) **BURESH, William**; 81 Azarian Road, Salem, MA 03079 (US). **WAITE, Geoffrey**; 11 Sleepy Hollow Road, Topsfield, MA 01983 (US). **SCHOLZ, Wolfgang**; 4 Berrywood Lane, Beverly, MA 01915 (US).
- (74) **BURKE, Alexander, J.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) CN IN JP NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G06F 7/52, 17/11**
- (11) **WO 02/41138** (13) A1
- (21) PCT/US01/40516
- (22) **13 Apr/avr 2001 (13.04.2001)**
- (25) en (26) en
- (30) 60/196,696 **13 Apr/avr 2000 (13.04.2000)** US
- (30) 09/710,987 **8 Nov/nov 2000 (08.11.2000)** US
- (30) 09/834,363 **12 Apr/avr 2001 (12.04.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • AUTOMATICALLY SOLVING QUADRATIC EQUATIONS IN FINITE FIELDS
- RESOLUTION AUTOMATIQUE D'EQUATIONS QUADRATIQUES DANS DES CORPS DE GALOIS
- (71, 72) **SCHROEPEL, Richard** [US/US]; 500 South Maple Drive, Woodland Hills, UT 84653 (US).
- (74) **PIERCE, Gary, D., E.**; Pate Pierce & Baird, Bank One Tower, Suite 900, 50 West Broadway, 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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 9/00**
- (11) **WO 02/41139** (13) A2
- (21) PCT/GB01/05091
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 0028209.5 **18 Nov/nov 2000 (18.11.2000)** GB
- (30) 0118762.4 **1 Aug/août 2001 (01.08.2001)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • RESOURCE FILES FOR ELECTRONIC DEVICES
- FICHIERS DE RESSOURCES POUR DISPOSITIFS ELECTRONIQUES
- (71) **SENDO INTERNATIONAL LIMITED** [—/CN]; 1601-1603 Kenwick Centre, 32, Hollywood Road, Central, Hong Kong (CN). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WATKINS, Andrew** [GB/GB]; 10 Castle Road, Kineton, Warwick (GB). **CHAPMAN, Peter** [GB/GB]; 12 Queens Court, Bridge Street, Birmingham B1 2JR (GB). **ADJAMAH, Regis** [FR/GB]; 79 Hazelwood Road, Acocks Green, Birmingham B27 7XW (GB). **BAVOUX, Thierry** [FR/GB]; 21 Glencroft Road, Solihull, West Midlands B92 9BB (GB).
- (74) **HACKETT, Sean, James** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 9/00**
- (11) **WO 02/41140** (13) A2
- (21) PCT/IB00/01702
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • GRAPHICAL USER INTERFACE ENABLING ENTRY OF NON TRIVIAL PARAMETERS
- INTERFACE GRAPHIQUE PERMETTANT LA SAISIE DE PARAMETRES NON TRIVIAUX
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KRUGER, Stephen, P.** [ZA/FR]; 7, rue Vicat, F-38000 Grenoble (FR).
- (74) **PLAÇAIS, Jean-Yves**; Cabinet Netter, 40, rue Vignon, F-75009 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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 9/00**
- (11) **WO 02/41141** (13) A2
- (21) PCT/US01/45198
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 09/716,717 **20 Nov/nov 2000 (20.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A DEVICE REGISTRATION MECHANISM
- MECANISME D'ENREGISTREMENT DE DISPOSITIF
- (63) US 09/716,717 (CON) 20 Nov/nov 2000 (20.11.2000)
- (71) **EMATION, INC.** [US/US]; Cabot Business Park, 89 Forbes Boulevard, Mansfield, MA 02048 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HANSEN, James, R.** [US/US]; 44 Dover Circle, Franklin, MA 02038 (US). **CALDER, Dale, E.** [US/US]; 179 York Road, Mansfield, MA 02048 (US).
- (74) **PYSHER, Paul, A.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 9/38**
- (11) **WO 02/41142** (13) A1
- (21) PCT/EP01/08496
- (22) **23 Jul/juillet 2001 (23.07.2001)**
- (25) en (26) en
- (30) PCT/EP00/11458 **17 Nov/nov 2000 (17.11.2000)** EP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A DATA PROCESSING SYSTEM PERFORMING JUST-IN-TIME DATA LOADING
- SYSTÈME INFORMATIQUE À CHARGEMENT À TEMPS DES DONNÉES
- (71, 72) **THEIS, Jean-Paul** [LU/LU]; 1, porte des Ardennes, L-9145 Erpeldange (LU).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G06F 9/44**
- (11) **WO 02/41143** (13) A2
- (21) PCT/CA01/01621
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 60/252,170 **20 Nov/nov 2000 (20.11.2000)** US

- (30) 60/276,375 **16 Mar/mar 2001** US
(16.03.2001) FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
- (30) 09/956,130 **20 Sep/sep 2001** US
(20.09.2001) Published / Publiée : (c)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD OF BYTE CODE QUICK-
ENING: QUICK INSTRUCTIONS FOR
METHOD INVOCATION
● PROCEDE D'ACCELERATION DE
CODE BINAIRE: INSTRUCTIONS RA-
PIDE POUR APPEL DE PROCEDE
- (71) **ZUCOTTO WIRELESS INC.** [US/US];
Suite 400, 4225 Executive Square, La Jolla,
CA 92037 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **BOTTOMLEY, Mark** [CA/CA]; 803
Foxwood Court, Orleans, Ontario K4A 3E9
(CA).
- (74) **BRETT, R., Allan** et al. / etc.; Smart & Big-
gar, P.O. Box 2999, Station D, 900-55 Met-
calfe Street, Ottawa, Ontario K1P 5Y6 (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 9/44**
(11) **WO 02/41144** (13) A1
(21) PCT/US01/47966
(22) **1 Nov/nov 2001 (01.11.2001)**
(25) en (26) en
(30) 60/244,783 **1 Nov/nov 2000** US
(01.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● INFORMATION TRANSFORMATION
SOFTWARE ENGINE
● MOTEUR LOGICIEL POUR TRANS-
FORMATION DE L'INFORMATION
- (71) **ALTAIR AEROSPACE CORPORATION**
[US/US]; Suite 410, 4201 Northview Drive,
Bowie, MD 20716 (US).
- (72) **KITCHIN, Michael, J.**; 4107 Nicholson
Street, Hyattsville, MD 20782 (US).
- (74) **WILLIAMS, Frederick, C.**; Williams &
Associates, Suite 300, 1030 Fifteenth Street,
N.W., Washington, DC 20005-1501 (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 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 PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
-
- (51)⁷ **G06F 9/45**
(11) **WO 02/41146** (13) A2
(21) PCT/GB01/05080
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 0028079.2 **17 Nov/nov 2000** GB
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● INSTRUCTION PROCESSOR SYS-
TEMS AND METHODS
● SYSTEMES ET PROCEDES DE PRO-
CESSEURS D'INSTRUCTIONS
- (71) **IMPERIAL COLLEGE INNOVATIONS
LIMITED** [GB/GB]; Sheffield Building,
London SW7 2AZ (GB).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **LUK, Wayne** [GB/GB]; Flat 5, 19 El-
vaston Place, London SW7 5QF (GB). **CHE-
UNG, Peter, Y., K.** [GB/GB]; 6 St Thomas
Road, London N14 6AJ (GB). **SENG, Shay,
Ping** [SG/SG]; 47 Leedon Road, Singapore
267858 (SG).
- (74) **BODEN, Keith, McMurray**; Fry Heath &
Spence, The Old College, 53 High Street,
Horley, Surrey RH6 7BN (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ **G06F 9/455**
(11) **WO 02/41147** (13) A1
(21) PCT/US01/44034
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 60/249,606 **17 Nov/nov 2000** US
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● SYSTEM AND METHOD FOR UPDAT-
ING AND DISTRIBUTING INFORMA-
TION
● SYSTEME ET PROCEDE DE MISE A
JOUR ET DE DISTRIBUTION D'IN-
FORMATIONS
- (71) **DIGITAL TRANSIT** [US/US]; 24672 San
Juan Avenue, Suite 102, Dana Point, CA
92629 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **O'NEIL, Patrick, J.** [US/US]; 24672
San Juan Avenue, Suite 102, Dana Point, CA
92629 (US).
- (74) **DELANEY, Karoline, A.**; Knobbe,
Martens, Olson & Bear, LLP, 620 Newport
Center Drive, 16th Floor, 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 CZ
(Utility model / modèle d'utilité) DE DE
(Utility model / modèle d'utilité) DK DK
(Utility model / modèle d'utilité) DM DZ EC
EE EE (Utility model / modèle d'utilité) ES
FI FI (Utility model / modèle d'utilité) GB
GD GE GH GM HR HU ID 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 PH
PL PT RO RU SD SE SG SI SK SK (Utility
model / modèle d'utilité) 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
- Published / Publiée : (c)

(51)⁷ **G06F 11/00**
(11) **WO 02/41148** (13) A1
(21) PCT/DE01/03954
(22) **16 Oct/oct 2001 (16.10.2001)**
(25) de (26) de
(30) 100 56 408.9 **14 Nov/nov 2000 DE (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **DEVICE FOR MONITORING A PROCESSOR**
• **DISPOSITIF DE CONTROLE D'UN PROCESSEUR**
(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) **SCHUMACHER, Hartmut** [DE/DE]; Pfarrer-Aldinger-Strasse 4, 71691 Freiberg (DE). **TAUFER, Peter** [DE/DE]; Talstrasse 45, 71272 Renningen (DE). **TSCHENTSCHER, Harald** [DE/DE]; Lindenstrasse 17, 71723 Grossbottwar (DE). **HUBER, Thomas** [DE/DE]; Heilbronner Strasse 16, 71717 Beilstein (DE). **ULMER, Michael** [DE/DE]; Robert-Koch-Strasse 60/1, 72116 Moessingen (DE).
(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
Published / Publiée : (c)

(51)⁷ **G06F 11/00**
(11) **WO 02/41149** (13) A2
(21) PCT/US01/51371
(22) **26 Oct/oct 2001 (26.10.2001)**
(25) en (26) en
(30) 60/244,077 **27 Oct/oct 2000 US (27.10.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **FAULT TOLERANCE FOR COMPUTER PROGRAMS THAT OPERATE OVER A COMMUNICATION NETWORK**
• **TOLERANCE DE PANNES POUR PROGRAMMES INFORMATIQUES FONCTIONNANT SUR UN RESEAU DE COMMUNICATION**
(71) **ETERNAL SYSTEMS, INC.** [US/US]; 5290 Overpass Road, Building D, Santa Barbara, CA 93111 (US).
(72) **MOSER, Louise, E.**; P.O. Box 13863, Santa Barbara, CA 93107 (US). **MELLIAR-SMITH, Peter, M.**; P.O. Box 13963, Santa Barbara, CA 93107 (US).
(74) **O'BANION, John, P.**; O'Banion & Ritchey LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ **G06F 11/30**
(11) **WO 02/41150** (13) A1
(21) PCT/US01/43116
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/248,569 **16 Nov/nov 2000 US (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **SYSTEM AND METHOD FOR APPLICATION-LEVEL SECURITY**
• **SYSTEME ET PROCEDURE DE SECURITE AU NIVEAU D'UNE APPLICATION**
(71) **PERSHING DIVISION OF DONALDSON, LUFKIN, JENRETTE SECURITIES CORPORATION** [US/US]; One Pershing Plaza, Jersey City, NJ 07399 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DEPERNA, James** [/US]; Jersey City, NJ (US). **GALINSKY, Isabelle** [/US]; Jersey City, NJ (US). **GASSMAN, Lenard** [/US]; Jersey City, NJ (US).
(74) **STRICKLAND, Wesley, L.** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
(51)⁷ **G06F 12/14**
(11) **WO 02/41151** (13) A1
(21) PCT/FR01/03582
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) fr (26) fr
(30) 2,326,036 **16 Nov/nov 2000 CA (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **METHOD AND DEVICE FOR MAKING SECURE DATA PROCESSING**
• **PROCEDURE ET DISPOSITIF DE SECURISATION D'UN TRAITEMENT DE DONNEES**
(71) **GEMPLUS** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de GEMENOS, F-13420 GEMENOS (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BENOIT, Olivier** [FR/CA]; 520 Degaspe, #213, Ile des Soeurs - Verdun, QUEBEC, Québec H3E 1 G1 (CA).

(74) **BRUN, Philippe**; C/O GEMPLUS, Service brevets, BP 100, F-13881 GEMENOS 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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE 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 12/14, 11/18**
(11) **WO 02/41152** (13) A1
(21) PCT/JP01/10040
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) ja (26) ja
(30) 2000-349957 **16 Nov/nov 2000 JP (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • **MEMORY SYSTEM**
• **SYSTEME DE MEMOIRE**
(71) **NIIGATA SEIMITSU CO., LTD.** [JP/JP]; 5-13, Nishishiromachi 2-chome, Jouetsu-shi, Niigata 943-0834 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MIYAGI, Hiroshi** [JP/JP]; c/o Niigata Seimitsu Co., Ltd., 5-13, Nishishiromachi 2-chome, Jouetsu-shi, Niigata 943-0834 (JP).
(74) **AMAGAI, Masahiko**; Amagai Tokkyo Jimusyo, 2nd Fl., Kitashinjuku OC Build., 8-15, Kitashinjuku 1-chome, Shinjuku-ku, Tokyo 169-0074 (JP).
(81) US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
(51)⁷ **G06F 13/00**
(11) **WO 02/41153** (13) A2
(21) PCT/US01/24690
(22) **7 Aug/août 2001 (07.08.2001)**

- (25) en (26) en
(30) 09/715,606 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR IMPLEMENTING A MULTI-LEVEL INTERRUPT SCHEME IN A COMPUTER SYSTEM
• SYSTEME ET UN PROCEDE POUR METTRE EN OEUVRE UN PLAN D'INTERRUPTION A PLUSIEURS NIVEAUX DANS UN SYSTEME INFORMATIQUE
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (72) **MALECK, Timothy, C.**; 2408-A Audubon Place, Austin, TX 78741 (US).
- (74) **APPERLEY, Elizabeth, A.**; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41154** (13) A2
(21) PCT/US01/43945
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,530 **17 Nov/nov 2000** US
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • UNIVERSAL SERIAL BUS (USB) INTERFACE FOR MASS STORAGE DEVICE
• INTERFACE BUS SERIE UNIVERSEL (USB) DESTINEE A UN DISPOSITIF MEMOIRE DE GRANDE CAPACITE
- (71) **CYPRESS SEMICONDUCTOR CORP.** [US/US]; 3939 North First Street, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARRIS, David, H.** [US/US]; 12975 W. Goldenbrook Ct., Boise, ID 83713 (US).
CLARK, Gordon, R. [US/US]; 1454 Beagle, Meridian, ID 83642 (US).
HOLLAND, Stephen, D. [US/US]; 5003 Hopi Circle, Boise, ID 83709 (US).
- (74) **ROGERS, Craig, R.**; Marger Johnson & McCollom, P.C., 1030 S.W. Morrison Street, Portland, OR 97205 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 13/28**
(11) **WO 02/41155** (13) A2
(21) PCT/US01/44130
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/713,917 **16 Nov/nov 2000** US
(16.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR IMPLEMENTING PCI DMA SPECULATIVE PREFETCHING IN A MESSAGE PASSING QUEUE ORIENTED BUS SYSTEM
• PROCEDE ET DISPOSITIF DESTINES A EXECUTER UNE PRELECTURE SPECULATIVE POUR DES DISPOSITIFS PCI PENDANT DES OPERATIONS DE LECTURE DMA DANS UN SYSTEME DE BUS ORIENTE FILE D'ATTENTE DE PASSAGE DE MESSAGES
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, MS UPALI-521, Palo Alto, CA 94303 (US).
- (72) **AVERY, James, M.**; Eight Rome Drive, Westford, MA 01886 (US).
- (74) **KUDIRKA, Paul, E.**; Kudirka & Jobse, LLP, One State Street, Suite 1510, Boston, MA 02109 (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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41157** (13) A2
(21) PCT/US01/44043
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/713,919 **16 Nov/nov 2000** US
(16.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR CONVERTING ADDRESS INFORMATION BETWEEN PCI BUS PROTOCOL AND A MESSAGE PASSING QUEUE-ORIENTED BUS PROTOCOL
• PROCEDE ET APPAREIL DE CONVERSION D'INFORMATIONS D'ADRESSES ENTRE UN PROTOCOLE DE BUS PCI ET UN PROTOCOLE DE BUS ORIENTE FILE D'ATTENTE DE PASSAGE DE MESSAGES
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, MS UPALI-521, Palo Alto, CA 94303 (US).
- (72) **AVERY, James, M.**; Eight Rome Drive, Westford, MA 01886 (US).
- (74) **KUDIRKA, Paul, E.**; Kudirka & Jobse, LLP, Suite 1510, One State Street, Boston, MA 02109 (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 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 TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 13/32**
(11) **WO 02/41156** (13) A2
(21) PCT/US01/44131
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 09/713,913 **16 Nov/nov 2000** US
(16.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR SYNCHRONIZING INTERRUPTS IN A MESSAGE PASSING QUEUE ORIENTED BUS SYSTEM
• PROCEDE ET APPAREIL PERMETTANT DE SYNCHRONISER DES INTERRUPTS DANS UN SYSTEME A BUS FONDE SUR DES FILES D'ATTENTE DE PASSAGE DE MESSAGE
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, MS UPALI-521, Palo Alto, CA 94303 (US).
- (72) **AVERY, James, M.**; Eight Rome Drive, Westford, MA 01886 (US).
- (74) **KUDIRKA, Paul, E.**; Kudirka & Jobse, LLP, Suite 1510, One State Street, Boston, MA 02109 (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 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 TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 15/00, G06K 17/00**
(11) **WO 02/41158** (13) A1
(21) PCT/JP01/09983
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) ja (26) ja

(30) 2000-352207 20 Nov/nov 2000 JP
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● NONCONTACT READER/WRI-
THER, INFORMATION COMMUNICATION
SYSTEM USING THE SAME, AND
MANAGEMENT SYSTEM USING THE
SAME

● LECTEUR-ENREGISTREUR À IN-
FLUENCE, SYSTÈME DE COMMU-
NICATION D'INFORMATION L'UTI-
LISANT, ET SYSTÈME DE GESTION
L'UTILISANT

(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) OBAYASHI, Keiichiro [JP/JP]; 35-5,
Ogurahigashimachi, Hirakata-shi, Os-
aka 573-1174 (JP). KITAJIMA, Ya-
suhiko [JP/JP]; 13-13, Nishiekimae-cho,
Ibaraki-shi, Osaka 567-0032 (JP). FUJII,
Nobuhiko [JP/JP]; 3-5-1-213, Sumiregaoka,
Takarazuka-shi, Hyogo 665-0847 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Mat-
sushita Electric Industrial Co., Ltd., 1006,
Oaza Kadoma, Kadoma-shi, Osaka 571-8501
(JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

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(51)⁷ G06F 15/00

(11) WO 02/41159 (13) A1

(21) PCT/US01/43225

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,867 17 Nov/nov 2000 US
(17.11.2000)

(30) 09/999,595 15 Nov/nov 2001 US
(15.11.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR DYNAMIC SERVER
SIDE TIMER CONTROL BAR INSERTION

● PROCEDE D'INSERTION DYNA-
MIQUE PAR UN SERVEUR D'UNE
BARRE DE COMMANDE A INDICA-
TEUR DE DUREE

(71) HARVEST EVU, LLC [US/US]; 26111 An-
tonio Parkway, Suite 300, Rancho Santa Mar-
garita, CA 92688 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUTCHER, Daniel, J. [US/US]; 24602
Seth Circle, Dana Point, CA 92629 (US).
AMON, Thomas, C. [US/US]; 2401 North
Fairmont, Santa Ana, CA 92705 (US).

(74) STETINA BRUNDA GARRED &
BRUCKER; 75 Enterprise, Suite 250, Aliso
Viejo, CA 92656 (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 PH PL PT RO RU
SD SE SG SI 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 15/00

(11) WO 02/41160 (13) A1

(21) PCT/US01/43263

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 60/249,498 17 Nov/nov 2000 US
(17.11.2000)

(30) 09/970,202 3 Oct/oct 2001 US
(03.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHODS AND SYSTEMS TO LINK
DATA

● PROCÉDÉ ET SYSTÈME CRÉATION
DE LIAISONS POUR DES DONNÉES

(71) VALORA WIRELESS, INC. [US/US];
Suite 200, 446 Moody Street, Waltham, MA
02453 (US).

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

(72, 75) GOODISMAN, Aaron, A. [US/US]; 40
Marion Road, Watertown, MA 02472 (US).
SERKES, Sandra, E. [US/US]; 40 Marion
Road, Watertown, MA 02472 (US).

(74) OLIVER, Kevin, A. et al. / etc.; Foley, Hoag
& Eliot LLP, Patent Group, One Post Office
Square, Boston, MA 02109 (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 SI SK SL TJ TM 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 15/00

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(21) PCT/US01/48124

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(30) 09/713,733 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND APPARATUS FOR
EFFICIENT IDENTIFICATION OF DU-
PLICATE AND NEAR-DUPLICATE
DOCUMENTS AND TEXT SPANS US-
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FRAGMENTS

● PROCEDE ET APPAREIL SERVANT A
IDENTIFIER DE MANIERE EFFICACE
DES DOCUMENTS ET DES EVEN-
TAILS DUPLIQUES OU QUASI-DU-
PLIQUES AU MOYEN DE FRAG-
MENTS DE TEXTES A DISCRIMINA-
BILITE ELEVEE

(71) JUSTSYSTEM CORPORATION [JP/JP];
Brains Park, Tokushima-Shi, Tokushima 771-
0189 (JP).

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

(72, 75) KANTROWITZ, Mark [US/US]; 1363
Shady Avenue, Pittsburgh, PA 15217 (US).

(74) BYRNE, Richard, L. et al. / etc.; Webb
Ziesenheim Logsdon Orkin & Hanson, P.C.,
700 Koppers Building, 436 Seventh Avenue,
Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE
EE (Utility model / modèle d'utilité) ES FI
FI (Utility model / modèle d'utilité) GB GD
GE GH GM HR HU ID 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 PH
PL PT RO RU SD SE SG SI SK SK (Utility
model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

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(22) 9 Nov/nov 2001 (09.11.2001)

(25) en (26) en

(30) 09/715,453 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● USER SPECIFIED PARALLEL DATA
FETCHING FOR OPTIMIZED WEB
ACCESS

● EXTRACTION DE DONNEES PARAL-
LELES SPECIFIQUES D'UN UTILISA-
TEUR POUR ACCES OPTIMISE AU
WEB

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).

(71) IBM UNITED KINGDOM LIMITED
[GB/GB]; P.O. Box 41, North Harbour,
Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)

(72) DUNN, James; 10184 N. Rowell Avenue,
Fresno, CA 93720 (US). SEMPLE, Bruce;
11600 Toulone Drive, Potomac, MD 20854
(US). STERN, Edith; 661 Hanover Street,
Yorktown Heights, NY 10598 (US). WILL-
NER, Barry; 365 Pine Road, Briarcliff
Manor, NY 10510 (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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51) **G06F 17/00**

(11) **WO 02/41163** (13) A1

(21) PCT/KR01/01965

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ko (26) en

(30) 2000/68448 **17 Nov/nov 2000** KR
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● AUTHENTICATION SERVICE METHOD AND SYSTEM BY PRESERVATION OF SUPPORTING EVIDENCE
● PROCEDE ET SYSTEME D'AUTHENTIFICATION SERVANT A PRESERVER UNE PREUVE A L'APPUI

(71, 72) **KIM, Taesun** [KR/KR]; 103-204 Dae-woo APT, 546, Eunhaing-dong, Siheung-si, Gyonggi-do 429-727 (KR).

(74) **JUNG, Sesung** et al. / etc.; 6F, Yosam Bldg., 648-23 Yoksam-dong, Gangnam-gu, Seoul 135-748 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/00**

(11) **WO 02/41164** (13) A1

(21) PCT/US01/04255

(22) **9 Feb/fév 2001 (09.02.2001)**

(25) en (26) en

(30) 60/249,515 **17 Nov/nov 2000** US
(**17.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● VIRTUAL DIRECTORY
● DICTIONNAIRE VIRTUEL

(71) **WHERE THE HECK IS IT.COM, LLP** [US/US]; 9792 Edmonds Way, N° 420, Edmonds, WA 98020 (US).

(72) **COLWILL, Ronald, W., Jr.**; 7915 228th Street S.W., Edmonds, WA 98026 (US).

(74) **PEZZANO, Tony, V.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G06F 17/00**

(11) **WO 02/41165** (13) A1

(21) PCT/US01/43085

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/711,140 **14 Nov/nov 2000** US
(**14.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● TIME INDEPENDENT, DATA CONFERRING SYSTEM
● SYSTEME DE PARTAGE DE DONNEES DE CONFERENCE INDEPENDANT DU TEMPS

(71, 72) **KOZIKOWSKI, Joseph** [US/US]; 24 Jericho Road, Weston, MA 02493 (US).

(74) **DIEDERIKS, Everett, G., Jr.**; Diederiks & Whitelaw, PLC, 12471 Dillingham Square #301, Woodbridge, VA 22192 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(11) **WO 02/41166** (13) A1

(21) PCT/US01/46161

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/249,219 **16 Nov/nov 2000** US
(**16.11.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PERSONALIZED GREETING CARD SYSTEM FOR RETAILERS
● SYSTEME DE CARTE DE PRODUCTION DE CARTES DE VOEUX PERSONNALISEES POUR DETAILLANTS

(71) **ITB SOLUTIONS LLC** [US/US]; Suite 340, 1121 E. Main Street, St. Charles, IL 60174 (US).

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

(72, 75) **THOMPSON, Raymond, Daniel** [US/US]; 711 Legends Drive, Carol Stream, IL 60188 (US). **PENISTEN, Noel, Martin** [US/US]; 1561 Fairway Circle, Geneva, IL 60134 (US). **PENISTEN, Kris, Darnell** [US/US]; 59 Seaview Avenue, Swansea, MA 02777 (US).

(74) **PANIAGUAS, John, S.** et al. / etc.; Katten Muchin Zavis, Suite 1600, 525 W. Monroe Street, Chicago, IL 60661 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/00**

(11) **WO 02/41167** (13) A2

(21) PCT/US01/50837

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) en (26) en

(30) 09/695,103 **23 Oct/oct 2000** US
(**23.10.2000**)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND APPARATUS FOR DYNAMICALLY TESTING ELECTRICAL INTERCONNECT
● PROCEDE ET DISPOSITIF POUR L'ESSAI DYNAMIQUE D'INTERCONNEXION ELECTRIQUE

(71) **QUICKTURN DESIGN SYSTEMS, INC.** [US/US]; 2655 Seeley Avenue, Building 11, San Jose, CA 95134 (US).

(72) **QUAYLE, Barton**; 2559 Horace Avenue, San Jose, CA 95124 (US). **SAMPLE, Stephen, P.**; 15027 Bohlman Road, Saratoga, CA 95070 (US).

(74) **MILLER, Jeffrey, A.**; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G06F 17/20**

(11) **WO 02/41168** (13) A2

(21) PCT/BE01/00197

- (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 00204050.9 **16 Nov/nov 2000 EP (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A METHOD AND DEVICE FOR PRODUCING AND UPDATING A TRANSPORT DOCUMENT
 ● PROCEDE ET DISPOSITIF DE PRODUCTION ET DE MISE A JOUR D'UN DOCUMENT DE TRANSPORT
- (71) **TRANSWIDE LTD.** [IE/IE]; Block 3, Harcourt Centre, Harcourt Road, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PANITCH, Arkadi** [BE/BE]; Avenue Emile Max 128, B-1030 Brussels (BE).
- (74) **QUINTELIER, Claude** et al. / etc.; Gevers & Vander Haeghen, Rue de Livourne 7, B-1060 Brussels (BE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 17/20, 17/27, 17/30, G10L 13/00**
 (11) **WO 02/41169** (13) A1
 (21) PCT/US01/43528
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 60/249,610 **17 Nov/nov 2000 US (17.11.2000)**
 (30) 09/815,260 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SEMANTIC ANSWERING SYSTEM AND METHOD
 ● SYSTEME ET PROCEDE DE REPONSES SEMANTIQUES
- (71) **INVENTION MACHINE CORPORATION, INC.** [US/US]; 133 Portland St., Boston, MA 02114 (US).
- (72) **TSOURIKOV, Valery**; One Devonshire Pl., Apt. 2302, Boston, MA 02109 (US).
BATCHILO, Leonid; 35 Moraine St., Belmont, MA 02478 (US).
SOVPEL, Igor; 3/1 Voronyanskogo St., Apt. 193, 220039 Minsk (RU).
KORZUN, Alexander; 69 George Rd., Winchester, MA 01890 (US).
- (74) **DREYFUS, Edward**; 608 Sherwood Pkwy., Mountainside, NJ 07092 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/20**
 (11) **WO 02/41170** (13) A2
 (21) PCT/US01/44244
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 60/249,142 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SYSTEM AND METHOD OF MANAGING DOCUMENTS
 ● SYSTEME ET PROCEDE DE GESTION DE DOCUMENTS
- (71) **INTERLEGIS, INC.** [US/US]; 1700 Pacific Avenue, Suite 2525, Dallas, TX 75201-4663 (US).
- (72) **MEIER, Steven, E.**; 2815 Maple Springs Rd., Dallas, TX 75235 (US).
CARR, Kevin, B.; 10515 Westlawn, Dallas, TX 75229 (US).
KEDIDI, Leyth, M.; 9001 Markville Dr., #311, Dallas, TX 75243 (US).
- (74) **BOYD, Steven, S.**; Locke Liddell & Sapp LLP, 600 Travis, 3400 Chase Tower, Houston, TX 77002-3095 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/30, 17/21**
 (11) **WO 02/41171** (13) A1
 (21) PCT/DK01/00765
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) PA 2000 01722 **17 Nov/nov 2000 DK (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR FINDING ANSWERS IN A DATABASE TO NATURAL LANGUAGE QUESTIONS
 ● PROCEDE PERMETTANT DE TROUVER DANS UNE BASE DE DONNEES DES REPONSES A DES QUESTIONS EN LANGAGE NATUREL
- (71) **SUPPORTUS APS** [DK/DK]; Niels Jernes Vej 10, DK-9220 Aalborg Øst (DK).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MIKKELSEN, Kasper** [DK/DK]; Sonjavej 30, st., DK-9000 Aalborg (DK).
TYL-VAD, Kristian, Ravn [DK/DK]; Helgolands-gade 8, 1. th, DK-9000 Aalborg (DK).
- (74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Aarhus C (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/30**
 (11) **WO 02/41172** (13) A2
 (21) PCT/EP01/12833
 (22) **6 Nov/nov 2001 (06.11.2001)**
 (25) de (26) de
 (30) 100 56 490.9 **15 Nov/nov 2000 DE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND DEVICE FOR THE PREPARATION OF THE INSTRUCTION MANUALS FOR HOUSEHOLD APPLIANCES
 ● PROCEDE ET DISPOSITIF DE MISE A DISPOSITION DE NOTICES D'UTILISATION POUR APPAREILS ELECTROMENAGERS
- (71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERTHOLD, Arndt** [DE/DE]; Humboldtstr. 17, 04105 Leipzig (DE).
BÖLDT, Frank [DE/DE]; Lange Str. 22, 14656 Brieselang (DE).
- (74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstr. 17, 81669 München (DE).
- (81) CN JP KR PL SI US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : CN JP KR PL SI EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
-
- (51)⁷ **G06F 17/30**
 (11) **WO 02/41173** (13) A2
 (21) PCT/EP01/13197
 (22) **14 Nov/nov 2001 (14.11.2001)**

- (25) de (26) de
 (30) 100 56 519.0 **15 Nov/nov 2000** DE
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **META POSITION INFORMATION SERVICE**
 ● **SERVICE D'INFORMATION DE POSITION META**
- (71) **INTERWAY INFORMATIONSSYSTEME GMBH** [DE/DE]; Brandteichstrasse 19, 17489 Greifswald (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIKSCHICK, Reinhard, M.** [DE/DE]; Warschauer Strasse 8, 17493 Greifswald (DE). **LEENTERING, Ralf** [DE/DE]; Bleifeld 12, 51503 Rösraht (DE). **WANDER, Jochen** [DE/DE]; Hauptstrasse 22, 18516 Süderholz (DE).
- (74) **WEICKMANN & WEICKMANN** et al. / etc.; Postfach 860 820, 81635 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/30**
 (11) **WO 02/41174** (13) A1
 (21) PCT/FR01/03561
 (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) fr (26) fr
 (30) 00 14744 **15 Nov/nov 2000** FR
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD FOR SEARCHING, SELECTING AND MAPPING WEB PAGES**
 ● **PROCEDE DE RECHERCHE, DE SELECTION ET DE REPRESENTATION CARTOGRAPHIQUE DE PAGES WEB**
- (71) **LINKKIT S.A.R.L.** [FR/FR]; Avenue de Rome Valparc 2, ZA des Playes, F-83500 La Seyne sur Mer (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAUCHER, Christophe** [FR/FR]; 769 Boulevard de l'Escourche, F-83150 Bandol (FR).
- (74) **MARCHAND, André**; Omnipat, 24, place des Martyrs-de-la-Résistance, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/30**
 (11) **WO 02/41176** (13) A1
 (21) PCT/GB01/05049
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 00310267.0 **20 Nov/nov 2000** EP
(20.11.2000)
 (30) 00310269.6 **20 Nov/nov 2000** EP
(20.11.2000)
 (30) 00310323.1 **21 Nov/nov 2000** EP
(21.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD OF UPDATING INTERESTS**
 ● **PROCEDE DE MISE A JOUR D'INTERETS**
- (71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London, EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CRABTREE, Ian, Barry** [GB/GB]; 3 The Old Cottages, Tattingsstone White Horse, Ipswich, Suffolk IP9 2NN (GB). **LOFFLER, Alexander** [GB/GB]; 15 Heath Road, Ipswich, Suffolk IP4 5RZ (GB). **POLAINE, Matthew, John** [GB/GB]; Mafeking Cottage, 125 Church End, Cherry Hinton, Cambridge, Cambs CB1 3LF (GB). **O'DONOGHUE, John, Joseph** [GB/GB]; 18 Murray Road, Ipswich, Suffolk IP3 9AH (GB). **BOWSKILL, Jeremy, Michael** [GB/GB]; Glen End, School Lane, Martlesham Heath, Woodbridge, Suffolk IP12 4RR (GB). **TITMUSS, Richard, John** [GB/GB]; 27 King Edward Road, Ipswich, Suffolk IP3 9AN (GB).
- (74) **LLOYD, Barry, George, William**; BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41177** (13) A1
 (21) PCT/GB01/05051
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 00310267.0 **20 Nov/nov 2000** EP
(20.11.2000)
 (30) 00310269.6 **20 Nov/nov 2000** EP
(20.11.2000)
 (30) 00310323.1 **21 Nov/nov 2000** EP
(21.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD OF MANAGING RESOURCES**
 ● **PROCEDE DE GESTION DES RESOURCES**
- (71) **BRITISH TELECOMMUNICATIONS PLC** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TITMUSS, Richard, John** [GB/GB]; 27 King Edward Road, Ipswich, Suffolk IP3 9AN (GB).
- (74) **LLOYD, Barry, George, William**; BT Group Legal Services, Intellectual Property Department, 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (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 NO NZ OM PH PL PT RO
RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41178 (13) A1

(21) PCT/GB01/05074

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 00310269.6 20 Nov/nov 2000 EP (20.11.2000)

(30) 00310267.0 20 Nov/nov 2000 EP (20.11.2000)

(30) 00310323.1 21 Nov/nov 2000 EP (21.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • INFORMATION PROVIDER

• FOURNISSEUR D'INFORMATIONS

- (71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) CRABTREE, Ian, Barry [GB/GB]; 3 The Old Cottages, Tattingstone White Horse, Ipswich, Suffolk IP9 2NN (GB). LOFFLER, Alexander [GB/GB]; 15 Heath Road, Ipswich, Suffolk IP4 5RZ (GB). POLAINE, Matthew, John [GB/GB]; Mafeking Cottage, 125 Church End, Cherry Hinton, Cambridge, Cambs CB1 3LF (GB). O'DONOGHUE, John, Joseph [IE/GB]; 18 Murray Road, Ipswich, Suffolk IP3 9AH (GB). BOWSKILL, Jeremy, Michael [GB/GB]; Glen End, School Lane, Martlesham Heath, Woodbridge, Suffolk, IP12 4RR (GB). TITMUS, Richard, John [GB/GB]; 27 King Edward Road, Ipswich, Suffolk IP3 9AN (GB).

- (74) LLOYD, Barry, George, William; BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41179 (13) A2

(21) PCT/GB01/05096

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en

(26) en

(30) 0028157.6 17 Nov/nov 2000 GB (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR GENERATING A DATA-BASE OF MOLECULAR FRAGMENTS

• PROCEDE DE GENERATION D'UNE BASE DE DONNEES DE FRAGMENTS MOLECULAIRES

- (71) AMEDIS PHARMACEUTICALS LIMITED [GB/GB]; 12 St James' Square, London SW1Y 4RB (GB).

- (72) GILBERT, Richard, James; Amedis Pharmaceuticals Limited, 12 St James' Square, London SW1Y 4RB (GB). BAINS, William, A.; Amedis Pharmaceuticals Limited, 12 St James' Square, London SW1Y 4RB (GB). CALDWELL, John; Imperial College School of Medicine, Sir Alexander Fleming Building, Imperial College Road, London SW7 2AZ (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, 17/60

(11) WO 02/41180 (13) A1

(21) PCT/JP00/08045

(22) 15 Nov/nov 2000 (15.11.2000)

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR DELIVERING INFORMATION, COMPUTER FOR DELIVERING INFORMATION, AND INFORMATION DELIVERING SYSTEM EMPLOYING IT

• PROCEDE DE DIFFUSION D'INFORMATIONS, ORDINATEUR POUR LA DIFFUSION D'INFORMATIONS ET SYSTEME DE DIFFUSION D'INFORMATIONS DANS LEQUEL ILS SONT UTILISES

- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

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

- (72, 75) HARADA, Waka [JP/JP]; 4-7, Nakatehara 1-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0023 (JP). AKIYOSHI, Takanori [JP/JP]; 31-1-614, Maiharanishi 1-chome, Funabashi-shi, Chiba 274-0824 (JP).

- (74) SUYAMA, Saichi; Kandahigashiyama BLDG., 1, Kandatacho 2-chome, Chiyoda-ku, Tokyo 101-0046 (JP).

- (81) CN JP KR SG US.

- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/30, 13/00, 17/60, 3/00

(11) WO 02/41181 (13) A1

(21) PCT/JP01/10059

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ja (26) ja

(30) 2000-351877 17 Nov/nov 2000 JP (17.11.2000)

(30) 2001-323197 22 Oct/oct 2001 JP (22.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • INFORMATION COMMUNICATING SYSTEM FOR COMMUNICATING AND DISTRIBUTING INFORMATION

• SYSTEME DE COMMUNICATION D'INFORMATIONS POUR LA DIFFUSION ET LA DISTRIBUTION D'INFORMATIONS

- (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) NONAKA, Eiichi [JP/JP]; c/o SONY MARKETING (JAPAN) INC., 10-18, Takanawa 4-chome, Minato-ku, Tokyo 108-0074 (JP).

- (74) KOIKE, Akira et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN US.

- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/30, 13/00

(11) WO 02/41182 (13) A1

(21) PCT/JP01/10063

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ja (26) ja

(30) 2000-351144 17 Nov/nov 2000 JP (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • INTERESTING NEWS ITEM DISTRIBUTING SYSTEM AND INTERESTING NEWS ITEM DISTRIBUTING METHOD

• SYSTEME ET PROCEDE DE DISTRIBUTION DE NOUVELLES INTERES-SANTES

- (71) MITSUBISHI SPACE SOFTWARE CO., LTD. [JP/JP]; 4-1, Hamamatsucho 2-chome, Minato-ku, Tokyo 105-6137 (JP).

- (72) SUEKI, Genichiro; c/o MITSUBISHI SPACE SOFTWARE CO., LTD., Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP). FUJIKI, Hiroaki; c/o MITSUBISHI SPACE SOFTWARE CO., LTD., Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP). YOSHINO, Naoko; c/o MITSUBISHI SPACE SOFTWARE CO., LTD., Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP).

- (74) SANO, Hiroshi; 3F, Namisho Building, 3-7, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/30

(11) WO 02/41183 (13) A1

(21) PCT/JP01/07249

(22) 23 Aug/août 2001 (23.08.2001)

(25) ja (26) ja

(30) 2000-352724 20 Nov/nov 2000 JP
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PARALLEL DISTRIBUTED PROCESS-
ING SYSTEM AND RECORD MEDIUM

● SYSTEME DE TRAITEMENT PARAL-
LELE REPARTI ET SUPPORT D'ENRE-
GISTREMENT

(71) G & G-PHARMA CO., LTD [JP/JP]; 177-2,
Kitahanada-cho 2-cho, Sakai-shi, Osaka 591-
8002 (JP).

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

(72, 75) MIYAZAKI, Masaru [JP/JP]; c/o
G & G-PHARMA CO., LTD, 177-2,
Kitahanada-cho 2-cho, Sakai-shi, Osaka
591-8002 (JP).

(74) MIZOGAMI, Tetsuya et al. / etc.; Hon-
machi-Ide Bldg. 2F., 10-4, Utsubohon-
machi 1-chome, Nishi-ku, Osaka-shi, Osaka
550-0004 (JP).

(81) CN US.

(51)⁷ G06F 17/30, 17/50, C07B 61/00

(11) WO 02/41184 (13) A1

(21) PCT/JP01/09890

(22) 13 Nov/nov 2001 (13.11.2001)

(25) ja (26) ja

(30) 2000-346229 14 Nov/nov 2000 JP
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD OF SEARCHING FOR
NOVEL LEAD COMPOUND

● PROCEDE DE RECHERCHE D'UN
NOUVEAU COMPOSE TETE DE SE-
RIE

(71) KYORIN PHARMACEUTICAL CO.,
LTD. [JP/JP]; 5, Kanda Surugadai 2-chome,
Chiyoda-ku, Tokyo 101-0062 (JP).

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

(72, 75) HIRONO, Shuichi [JP/JP]; 16-29, Akat-
sukasimachi 3-chome, Itabashi-ku, Tokyo
175-0093 (JP). IWASE, Kazuhiko [JP/JP];
266-6, Oobusuma, Showa-machi, Kitakat-
sushika-gun, Saitama 344-0116 (JP).

(74) MINOURA, Kiyoshi; Kudan Bldg. 7F, 2-2,
Kudankita 3-chome, Chiyoda-ku, Tokyo 102-
0073 (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 02/41185 (13) A1

(21) PCT/NO01/00460

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) 2000 5867 20 Nov/nov 2000 NO
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND SYSTEM FOR INTER-
ACTIVE BUILDING AND OPTIMIZA-
TION OF SEARCH EXPRESSIONS

● PROCEDE ET SYSTEME DE
CONSTRUCTION INTERACTIVE ET
D'OPTIMISATION D'EXPRESSIONS
D'INTERROGATION

(71) A/S E. PEDERSEN & SØNN [NO/NO];
Theresesgt. 28, N-0168 Oslo (NO).

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

(72, 75) BREIVIK, Jarle [NO/NO]; Åsensvin-
gen 5C, N-0488 Oslo (NO).

(74) ONSAGERS AS; P.O. Box 265 Sentrum,
N-0103 Oslo (NO).

(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 SI SK SL TJ TM TR TT TZ
UA UG US UZ VN YU ZA ZW.

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 17/30

(11) WO 02/41186 (13) A1

(21) PCT/US01/43090

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/249,255 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ADDRESS MATCHING

● APPARIEMENT D'ADRESSES

(71) UNITED STATES POSTAL SERVICE
[US/US]; 475 L'Enfant Plaza, S.W., Wash-
ington, DC 20260-1135 (US).

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

(72, 75) GARNER, Michael, C. [US]; Col-
lierville, TN (US). ALDSTADT, Harry, W.
[US]; Woodbridge, VA (US).

(74) GARRETT, Arthur, S. ; et al. / etc.;
Finnegan, Henderson, Farabow, Garrett &
Dunner, L.L.P., 1300 I Street, N.W., Wash-
ington, DC 20005-3315 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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, 15/40, 15/463

(11) WO 02/41187 (13) A1

(21) PCT/US01/43104

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,418 16 Nov/nov 2000 US
(16.11.2000)

(30) 60/336,554 25 Oct/oct 2001 US
(25.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● DYNAMIC OBJECT-DRIVEN DATA-
BASE MANIPULATION AND MAP-
PING SYSTEM

● SYSTEME DYNAMIQUE DE MANI-
PULATION ET DE MAPPAGE D'UNE
BASE DE DONNEES ORIENTEE OB-
JET

(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 Leav-
enworth Street, Suite 304, San Francisco, CA
94133 (US).

(74) ORZECZOWSKI, Karen, Lee; Liniak,
Berenato, Longacre & White, PLLC, 6550
Rock Spring Drive, Suite 240, Bethesda, MD
20817 (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 PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 02/41188 (13) A1

(21) PCT/US01/43535

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/248,994 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD AND APPARATUS FOR
PROCESSING OBJECTS IN ONLINE
IMAGES

- PROCEDE ET DISPOSITIF PERMETTANT D'OBTENIR DES INFORMATIONS SUR LA PRESENCE D'AU MOINS UN OBJET DANS UNE IMAGE

(71, 72) **FRIGON, Mark** [US/US]; 24 Lott Avenue, Westhampton Beach, NY 11978 (US).

(74) **HECKER, Gary, A.** et al. / etc.; The Hecker Law Group, Suite 2300, 1925 Century Park East, Los Angeles, CA 90067 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41189** (13) A2

(21) PCT/US01/43767

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/717,520 **20 Nov/nov 2000 US (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DATABASE INTEGRITY IN AN INTERNET E-COMMERCE ENVIRONMENT

- INTEGRITE D'UNE BASE DE DONNEES DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE SUR INTERNET

(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, 75) **BRODALE, Michelle, M.** [US/US]; 762 Peckskill Drive, Sunnyvale, CA 94087 (US).

SCHUELKE, Roger [US/US]; 20972 Greenleaf Drive, Cupertino, CA 95014 (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 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 TR TT TZ UA UG UZ VN YU ZA ZW.

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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

LU MC NL PT SE 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 17/30, 17/00**

(11) **WO 02/41190** (13) A2

(21) PCT/US01/46160

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/248,802 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR ORGANIZING AND/OR PRESENTING DATA

- SYSTEME ET PROCEDE D'ORGANISATION ET/OU DE PRESENTATION DE DONNEES

(71, 72) **HOLBROOK, David, M.** [US/US]; 2828 Rogerdale Road, No.13, Houston, TX 77042 (US).

(74) **ROEBUCK, G., Michael;** Madan, Mossman & Sriram, P.C., 2603 Augusta, Suite 700, Houston, TX 77057 (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 SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41191** (13) A1

(21) PCT/US01/47970

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) en (26) en

(30) 09/713,726 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR ANALYZING AFFECT AND EMOTION IN TEXT

- PROCEDE ET DISPOSITIF PERMETTANT D'ANALYSER LES AFFECTS ET LES EMOTIONS TRANSPARAISANT DANS UN TEXTE

(71) **JUSTSYSTEM CORPORATION** [JP/JP]; Brains Park, Tokushima-shi, Tokushima 771-0189 (JP).

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

(72, 75) **KANTROWITZ, Mark** [US/US]; 1363 Shady Avenue, Pittsburgh, PA 15217 (US).

(74) **BYRNE, Richard, L.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41192** (13) A2

(21) PCT/US01/49671

(22) **18 Oct/oct 2001 (18.10.2001)**

(25) en (26) en

(30) 09/694,546 **23 Oct/oct 2000 US (23.10.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DIRECT PRINTING OF CONTENTS OF A UNIVERSAL RESOURCE LOCATOR
• IMPRESSION DIRECTE DU CONTENU D'URL

(71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).

(72) **CRANGLE, Kenneth, W.**; 4424 NE Bramblewood Court, Albany, OR 97321 (US). **SMITH, Donald, X.**; 2990 NW Acacia Place, Corvallis, OR 97330 (US). **LAURSEN, Dana E.**; 2849 Rolling Green Drive, Corvallis, OR 97330 (US). **RANSOM, Theodore, E.**; 4140 NW Pinecone Place, Corvallis, OR 97330 (US).

(74) **JENSKI, Raymond, A.**; Intellectual Property Administration, 3404 E. Harmony Road, m/s 35, Fort Collins, CO 80525-9599 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G06F 17/50, G01M 5/00, 7/00**

(11) **WO 02/41193** (13) A1

(21) PCT/GB01/05045

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 0028768.0 **18 Nov/nov 2000 GB (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NONLINEAR SYSTEMS

- SYSTEMES NON LINEAIRES
- (71) **THE UNIVERSITY OF SHEFFIELD** [GB/GB]; Western Bank, Sheffield S10 2TN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BILLINGS, Stephen, Alec** [GB/GB]; 16 Grove Road, Totley, Sheffield S17 4DJ (GB). **LANG, Zi, Qiang** [CN/GB]; 105 Hawley Street, Sheffield S1 2EA (GB).
- (74) **HUTCHINSON, Glenn**; Harrison Goddard Foote, Fountain Precinct, Leopold Street, Sheffield S1 2QD (GB) et al. / etc.
- (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/50**
- (11) **WO 02/41194** (13) A2
- (21) PCT/IB01/01695
- (22) **17 Sep/sep 2001 (17.09.2001)**
- (25) en (26) en
- (30) 60/249,344 **16 Nov/nov 2000** US
(**16.11.2000**)
- (30) 09/739,132 **18 Dec/déc 2000** US
(**18.12.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • USER STATION PROVIDING LOCALIZED MANUFACTURING FOR PERSONALIZED PRODUCTS
• STATION D'UTILISATEUR AVEC FONCTION DE FABRICATION LOCALISEE DE PRODUITS PERSONNALISES
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(only for / seulement pour JP KR)
- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour BB)
- (72) **CRAWFORD, Jerry**; 7001 Duffield Drive, Dallas, TX 75248 (US). **HILTUNEN, Kari**; Opastinsilta 9 A 4, FIN-00520 Helsinki (FI).
- (74) **SMITH, Harry, F.**; Harrington & Smith, LLP, 1809 Black Rock Turnpike, Fairfield, CT 06432-3504 (US).
- (81) BB JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (i)
-
- (51)⁷ **G06F 17/50**
- (11) **WO 02/41195** (13) A2
- (21) PCT/US01/43643
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,800 **17 Nov/nov 2000** US
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • STRUCTURAL STRESS ANALYSIS
• ANALYSE DES CONTRAINTES D'UNE STRUCTURE
- (71) **BATTELLE MEMORIAL INSTITUTE** [US/US]; 505 Kind Avenue, Columbus, OH 43201-2693 (US).
- (72) **DONG, Pingsha**; 8657 Copperview Drive, Dublin, OH 43016-8440 (US). **ZHANG, Jimmiao**; 6402 Fayborough Court, Dublin, OH 43016 (US). **HONG, Jeong, Kyun**; 6865 Spruce Pine Drive, Columbus, OH 43235 (US).
- (74) **BEYER, James, E.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023 (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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/50**
- (11) **WO 02/41196** (13) A1
- (21) PCT/US01/45740
- (22) **1 Nov/nov 2001 (01.11.2001)**
- (25) en (26) en
- (30) 09/712,730 **14 Nov/nov 2000** US
(**14.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DIGITAL PHOTOLITHOGRAPHY SYSTEM FOR MAKING SMOOTH DIAGONAL COMPONENTS
• SYSTEME DE PHOTOLITHOGRAPHIE NUMERIQUE SERVANT A FABRIQUER DES ELEMENTS DIAGONAUX LISSES
- (71) **BALL SEMICONDUCTOR, INC.** [US/US]; 415 Century Parkway, Allen, TX 75013 (US).
- (72) **MEI, Wenhui**; 4539 Oak Shores Drive, Plano, TX 75024 (US). **KANATAKE, Takashi**; 2900 Amherst, Dallas, TX 75225 (US).
- (74) **O'DELL, David, M.** et al. / etc.; Haynes and Boones, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202-3789 (US).
- (81) CN JP.
- Published / Publiée : (c)
- Declarations / Déclarations :
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- (51)⁷ **G06F 17/60**
- (11) **WO 02/41197** (13) A1
- (21) PCT/AU01/01495
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) PR 1637 **15 Nov/nov 2000** AU
(**15.11.2000**)
- (30) PR 2647 **19 Jan/jan 2001** AU
(**19.01.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COLLABORATIVE COMMERCE HUB
• CARREFOUR DE COMMERCE COLLABORATIF
- (71) **VIRTUAL SUPPLY LOGISTICS PTY LIMITED** [AU/AU]; 7 Bennelong Road, Homebush Bay, New South Wales 2127 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BYRNE, Patrick** [AU/AU]; 8 Thomas Road, Galston, New South Wales 2159 (AU).
- (74) **MAXWELL, Peter, Francis**; Level 6, 60 Pitt Street, Sydney, New South Wales 2000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (e)
-
- (51)⁷ **G06F 17/60**
- (11) **WO 02/41198** (13) A2
- (21) PCT/CA01/01595
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 2,326,368 **20 Nov/nov 2000** CA
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR DATAFLOW MANAGEMENT IN A COMMUNICATIONS NETWORK
• PROCEDE ET SYSTEME DE GESTION DE FLUX DE DONNEES DANS UN RESEAU DE COMMUNICATION

- (71) **ADEXACT CORPORATION** [CA/CA]; 702-101 Frederick Street, Kitchener, Ontario N2H 6R2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BACSO, Stephen** [CA/CA]; 147 Claremont Avenue, Kitchener, Ontario N2M 2P9 (CA). **JUNEAU, Rene, J.** [CA/CA]; 155 Westhampton Drive, Thornhill, Ontario L4J 7X2 (CA). **SHANKAR, Sanjeev** [CA/CA]; 523 Clair Creek Blvd., Waterloo, Ontario N2T 1R8 (CA). **SCANLAN, Bruce, David** [CA/CA]; 355 Meadowvale Place, Waterloo, Ontario N2K 3P8 (CA).
- (74) **HARRIS, John, D.** et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**
- (11) **WO 02/41199** (13) A2
- (21) PCT/CA01/01598
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 2,326,368 **20 Nov/nov 2000 CA (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND SYSTEM FOR TARGETED CONTENT DELIVERY, PRESENTATION, MANAGEMENT AND REPORTING IN A COMMUNICATIONS NETWORK
- PROCEDE ET SYSTEME DE DISTRIBUTION, DE PRESENTATION, DE GESTION ET DE SIGNALISATION DE CONTENU CIBLE DANS UN RESEAU DE TRANSMISSION
- (71) **ADEXACT CORPORATION** [CA/CA]; 702-101 Frederick Street, Kitchener, Ontario N2H 6R2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BACSO, Stephen** [CA/CA]; 147 Claremont Avenue, Kitchener, Ontario N2M 2P9 (CA). **JUNEAU, Rene, J.** [CA/CA]; 155 Westhampton Drive, Thornhill, Ontario L4J 7X2 (CA). **SHANKAR, Sanjeev** [CA/CA]; 523 Clair Creek Blvd., Waterloo, Ontario N2T 1R8 (CA). **SCANLAN, Bruce, David** [CA/CA]; 355 Meadowvale Place, Waterloo, Ontario N2K 3P8 (CA).
- (74) **HARRIS, John, D.** et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**
- (11) **WO 02/41200** (13) A2
- (21) PCT/EP01/13007
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) en (26) en
- (30) 00204021.0 **16 Nov/nov 2000 EP (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SECURELY MATCHING AND DEMANDING IN MULTIPARTY ENVIRONMENTS
- APPARIEMENT SECURISE DE L'OFFRE ET DE LA DEMANDE DANS DES ENVIRONNEMENTS MULTIPARTITES
- (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) **GELBORD, Boaz, Simon** [CA/NL]; Nieuwe Prinsengracht 80, NL-1018 VV Amsterdam (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **G06F 17/60**
- (11) **WO 02/41201** (13) A1
- (21) PCT/FI00/01009
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● CONTROL SYSTEM AND METHOD THEREIN
- SYSTEME DE GESTION ET PROCEDE ASSOCIE
- (71) **GREY-HEN OY** [FI/FI]; Kukkumäentie 10 A, FIN-02280 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TEERILAHTI, Mikael** [FI/FI]; Kukkumäentie 10 A, FIN-02280 Espoo (FI).
- (74) **INNOPAT LTD;** P.O. Box 556, FIN-02151 Espoo (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51) **G06F 17/60**
- (11) **WO 02/41202** (13) A2
- (21) PCT/GB01/05039
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 0027890.3 **15 Nov/nov 2000 GB (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHODS AND APPARATUS FOR PROMOTING ORAL HYGIENE
- PROCEDES ET APPAREIL POUR PROMOUVOIR L'HYGIENE BUCCALE
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AG AU BB BZ CA CY GB GD GH GM IE IL KE LK LS MN MW MZ NZ SD SG SL SZ TT TZ UG ZA ZW)
- (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AE 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 LC LR LT LU LV MA MC MD MG MK ML MR MX NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)
- (71) **HINDUSTAN LEVER LTD.** [IN/IN]; Hindustan Lever House, 165-166 Backbay Reclamation, Mumbai 400 020 (IN).
(only for / seulement pour IN)
- (72) **WEIR, Anthony, John;** 51 Earlsway, Curzon Park, Chester CH4 8AG (GB).
- (74) **DRIEDONKS, Rene;** Unilever Research, Patent Department, Oliver van Noortlaan 120, NL-3133 AT Vlaardingingen (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**
- (11) **WO 02/41203** (13) A2
- (21) PCT/GB01/05108

- (22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 0028241.8 **20 Nov/nov 2000 GB (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • DATA GENERATION, PROCESSING AND PRESENTATION METHOD AND APPARATUS
• PROCEDE ET APPAREIL PERMETTANT DE GENERER, DE TRAITER ET DE PRESENTER DES DONNEES
(71, 72) **WAGNER, John, Ruben** [GB/GB]; 50 Redington Road, London NW3 7RS (GB). **LAYZELL, Paul, Albert** [GB/GB]; Abbey Farm, Old Buckenham, Norfolk NR17 1QA (GB).
(74) **BURRINGTON, Alan, Graham, Headford**; Atkinson Burrington, 25-29 President Buildings, President Way, Sheffield S4 7UR (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**
(11) **WO 02/41204** (13) A2
(21) PCT/GB01/05110
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 0028274.9 **20 Nov/nov 2000 GB (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • IMPROVEMENTS RELATING TO DIGITAL DATA DISTRIBUTION
• AMELIORATIONS APPORTEES A LA DISTRIBUTION DE DONNEES NUMERIQUES
(71, 72) **SHAW, Robert** [GB/GB]; 58 Harvard Road, London W4 4ED (GB). **FELSTEAD, Derek** [GB/GB]; 49 Bradmore Park Road, London W6 0DT (GB).
(74) **AHMAD, Sheikh, Shakeel** et al. / etc.; David Keltie Associates, 12 New Fetter Lane, London EC4A 1AG (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**
(11) **WO 02/41205** (13) A1
(21) PCT/JP01/10047
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) ja (26) ja
(30) 2000-350181 **16 Nov/nov 2000 JP (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • MOVING SITUATION INFORMATION PROVIDING METHOD AND SERVER
• PROCEDE ET SERVEUR PERMETTANT DE FOURNIR DES INFORMATIONS RELATIVES AUX DEPLACEMENTS
(71) **NTT DOCOMO, INC.** [JP/JP]; 11-1, Nagaticho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KIMURA, Keisuke** [JP/JP]; 6-93, Nishihirayama 2-chome, Hino-shi, Tokyo 191-0055 (JP). **YAMAMOTO, Hiroyuki** [JP/JP]; 16-5-534, Mori 6-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0023 (JP). **KARIYA, Aki** [JP/JP]; Welfare Tomihama 406, 3-1, Tomihama 2-chome, Ichikawa-shi, Chiba 272-0115 (JP). **MURATA, Katsutoshi** [JP/JP]; 8-24, Aoyagi 1-chome, Kunitachi-shi, Tokyo 186-0013 (JP). **ODAKURA, Atsushi** [JP/JP]; Skycourt Setagaya-Youngall 202, 10-6, Tamagawadai 2-chome, Setagaya-ku, Tokyo 158-0096 (JP).
(74) **KAWASAKI, Kenji**; ASAHI PATENT OFFICE, 7th Fl., Toyo Bldg., 2-10, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
(81) CN JP KR SG US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 17/60**
(11) **WO 02/41206** (13) A1
(21) PCT/JP01/07937
(22) **13 Sep/sep 2001 (13.09.2001)**
(25) ja (26) ja
(30) 2000-349139 **16 Nov/nov 2000 JP (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • PRODUCTION MANAGEMENT SYSTEM, AND HOST COMPUTER AND RECORDED MEDIUM USED IN THE SYSTEM
• SYSTEME DE GESTION DE PRODUCTION ET ORDINATEUR HOTE ET SUPPORT D'ENREGISTREMENT UTILISES DANS CE SYSTEME
(71) **NIKKO MATERIALS CO., LTD.** [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-8407 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NAKAJIMA, Koichi** [JP/JP]; c/o NIKKO MATERIALS CO., LTD. ISOHARA PLANT, 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).
YAJIMA, Noriyuki [JP/JP]; c/o NIKKO MATERIALS CO., LTD. ISOHARA PLANT, 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).
(74) **ARAFUNE, Hiroshi**; 5F, Nikko Kagurazaka Building, 18, Iwato-cho, Shinjuku-ku, Tokyo 162-0832 (JP).
(81) CN KR US.
(51)⁷ **G06F 17/60, G06K 19/10**
(11) **WO 02/41207** (13) A1
(21) PCT/JP01/09023
(22) **15 Oct/oct 2001 (15.10.2001)**
(25) ja (26) ja
(30) 2000-348340 **15 Nov/nov 2000 JP (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • SECURITY SYSTEM FOR ELECTRONIC COMMERCE
• SYSTEME SECURISE DE COMMERCE ELECTRONIQUE
(71, 72) **MIURA, Toru** [JP/JP]; 46-5, Nukui-4chome, Nerima-ku, Tokyo 176-0021 (JP).
(74) **SUZUKI, Hitoshi**; NAKANO JM BLDG. 5th Floor, 28-1, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).
(81) IN JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 17/60**
(11) **WO 02/41208** (13) A1
(21) PCT/JP01/09683
(22) **6 Nov/nov 2001 (06.11.2001)**
(25) ja (26) ja
(30) 2000-348637 **15 Nov/nov 2000 JP (15.11.2000)**
(30) 2001-278220 **13 Sep/sep 2001 JP (13.09.2001)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • PRICE DISCOUNT METHOD BY GROUP PURCHASING AND PRICE DISCOUNT PROGRAM
• PROCEDE DE REMISE DANS LE CAS D'UN ACHAT GROUPE ET PROGRAMME DE REMISE
(71) **TAKAMADO, Azusa** [JP/JP]; 25-16, Hamadayama3-chome, Suginami-ku, Tokyo 168-0065 (JP). **TRUST 21 CORPORATION** [JP/JP]; 25-16, Hamadayama3-chome, Suginami-ku, Tokyo 168-0065 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TAKAMADO, Richard** [JP/JP]; 25-16, Hamadayama3-chome, Suginami-ku, Tokyo 168-0065 (JP).
(74) **YASHIMA, Keiichi**; Room No.712, Hosokawa Building, 1-17, Akasaka1-chome, Minato-ku, Tokyo 107-0052 (JP).
(81) AU BR CA CN ID IL IN KR MX NZ RU SG US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60**

(11) **WO 02/41209** (13) A1

(21) PCT/JP01/09809

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) en (26) en

(30) 2000-347265 **14 Nov/nov 2000 JP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • EMAIL TRANSMITTING METHOD USING COMPUTER INTERACTIVE COMMUNICATION NETWORK AND COMMUNICATION SYSTEM THEREOF

• PROCEDE DE TRANSMISSION DE COURRIER ELECTRONIQUE AU MOYEN D'UN RESEAU DE COMMUNICATION INTERACTIF D'ORDINATEURS ET SYSTEME DE COMMUNICATION ASSOCIE

(71) **G-PLAN, INC.** [JP/JP]; 3-22, Kanda-Nishikicho, Chiyoda-ku, Tokyo 101-0054 (JP).

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

(72, 75) **SUZAKI, Ken** [JP/JP]; 16-18, Kitami 1-chome, Setagaya-ku, Tokyo 157-0067 (JP). **HAYASHI, Kazuhiro** [JP/JP]; 426-1-213, Shiboguchi, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0023 (JP).

(74) **NISHIYAMA, Yoshiaki**; 6-16, Nihombashi-Kayabacho 1-chome, Chuo-ku, Tokyo 103-0025 (JP).

(81) AU BR CA CN IN KR MX NZ RU SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60**

(11) **WO 02/41210** (13) A1

(21) PCT/JP01/09872

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) ja (26) ja

(30) 2000-350564 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMMODITY CONTROL SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE GESTION DE PRODUITS

(71) **PLAT' HOME CO., LTD.** [JP/JP]; 1-11-4, Soto-Kanda, Chiyoda-Ku, Tokyo 101-0021 (JP).

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

(72, 75) **HONDA, Hiro** [JP/JP]; c/o Plat' Home CO., LTD., 1-11-4, Soto-Kanda, Chiyoda-Ku, Tokyo 101-0021 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Shin-Tokyo Bldg, 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60**

(11) **WO 02/41211** (13) A1

(21) PCT/KR01/01966

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ko (26) en

(30) 2000/68996 **20 Nov/nov 2000 KR (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR DETERMINING GRADE OF SONG THROUGH INTERNET POPULARITY VOTE TOURNAMENT AND SELLING THE SONG BASED ON THE DETERMINED GRADE

• PROCEDE DE DETERMINATION DE LA NOTE DE POPULARITE D'UNE CHANSON AU MOYEN D'UN CLASSEMENT PAR VOTE EFFECTUE SUR L'INTERNET ET DE VENTE DE LA CHANSON EN FONCTION DE LA NOTE DETERMINEE

(71, 72) **PARK, Hee-Wan** [KR/KR]; 742-5, Yuksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(74) **LIM, Young-Hee**; Sinmyong Bldg., 3rd Floor, 645-21, Yoksam-dong, Kangnam-ku, 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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**

(11) **WO 02/41212** (13) A1

(21) PCT/KR01/00540

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ko (26) en

(30) 2000/68770 **18 Nov/nov 2000 KR (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF SELLING GOODS IN AN ELECTRONIC COMMERCIAL TRADE

• TECHNIQUE DE VENTE DE MARCHANDISES DANS UN CYBERCOMMERCE

(71) **49OK, INC.** [KR/KR]; 3Floor, Hyun Woo Building, 459-5, Dogok-dong, Kangnam-gu, Seoul 135-855 (KR).

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

(72, 75) **KIM, Moon-Su** [KR/KR]; 1220-706 Gocheongjugong Apt., 110, Haan-dong, Kwa, Kwangmyoung-shi, Kyounggi-do 423-060 (KR). **HWANG, Byeong-Do** [KR/KR]; 102-406 Hyundai Apt., Gil-dong, Kangdong-gu, Seoul 134-010 (KR).

(74) **PARK, Kyungwan** et al. / etc.; #615, KCAT Bldg., 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 CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60**

(11) **WO 02/41213** (13) A1

(21) PCT/NO01/00456

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 20005848 **17 Nov/nov 2000 NO (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR ISSUING AND MANAGING A PORTFOLIO OF CREDIT INSURANCE POLICIES

• SYSTEME ET PROCEDE PERMETTANT D'ETABLIR ET DE GERER UN PORTEFEUILLE DE POLICES D'ASSURANCE-CREDIT

(71, 72) **BRETVIN, Gunnar** [NO/NO]; Åsaveien 22, N-0362 Oslo (NO).

(74) **LEISTAD, Geirr, I.**; Jongstubben 19, N-1337 Sandvika (NO).

(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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60 // 157:00**

(11) **WO 02/41214** (13) A1

(21) PCT/RU01/00447

(22) **26 Oct/oct 2001 (26.10.2001)**

(25) ru (26) ru

(30) 2000128473 **15 Nov/nov 2000 RU (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CLEARING METHOD USING A COMMUNICATIONS NETWORK (VARIANTS)

• PROCEDE DE COMMERCE A REGLEMENT NON SCRIPTURAL UTILISANT UN RESEAU DE COMMUNICATIONS ET VARIANTES

- (71) **JOINT STOCK COMPANY "GENERAL TECHNOLOGYS"** [RU/RU]; 2-y Silikatny proezd, 14-3-8, Moscow, 123007 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHERNOMOROV, Sergei** [RU/RU]; Doninskoe shosse, 6-66, Ramenskoe, Moskovskaya obl., 140100 (RU). **PAVLENKO, Sergei** [RU/RU]; der. Blaznovo, 7, Mozhaisky r-n, Moskovskaya obl., 143221 (RU). **ZINOVIEV, Sergei** [RU/RU]; Volgogradsky pr., 18-52, Moscow, 109316 (RU). **KOLESNIK, Vladimir** [RU/RU]; ul. Akademika Chelomeya, 10-657, Moscow, 117630 (RU).
- (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 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 PL PT RO SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**
(11) **WO 02/41215** (13) A1
(21) PCT/US01/16237
(22) **18 May/mai 2001 (18.05.2001)**
(25) en (26) en
(30) 60/249,422 **16 Nov/nov 2000 US (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR REDUCING MORTGAGE INTEREST RATE AND MORTGAGE GUARANTY INSURANCE PREMIUMS ASSOCIATED WITH A MORTGAGE LOAN
• SYSTEME ET UN PROCEDE POUR REDUIRE LE TAUX D'INTERET HYPOTHECAIRE ET LES PRIMES D'ASSURANCE DE GARANTIE D'HYPOTHEQUE ASSOCIEE A UN PRET HYPOTHECAIRE
- (71) **AMERICAN INTERNATIONAL GROUP, INC.** [US/US]; 70 Pine Street, New York, NY 10270 (US).
- (72) **MAY, Andrew, W.**; 6 Elm Ridge Lane, Greensboro, NC 27408 (US).
- (74) **GOLDMAN, Gregg, I.**; Proskauer Rose LLP, Patent Dept., 1585 Broadway, 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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**
(11) **WO 02/41215** (13) A1
(21) PCT/US01/43088
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/712,136 **15 Nov/nov 2000 US (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR USING A REQUEST FOR TRANSACTION IN CONJUNCTION WITH A REVERSE AUCTION
• SYSTEME ET PROCEDE POUR UTILISER UNE REQUETE POUR UNE TRANSACTION EN RAPPORT AVEC UNE VENTE AUX ENCHERES INVERSE
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) **TRAN, Tuan**; Santa Clara, CA 95054 (US).
- (74) **BAILEY, Matthew, T.**; Hogan & Hartson L.L.P., 555 - Thirteenth Street, N.W., Washington, DC 20004-1109 (US).
- (81) AU DE GB JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 17/60**
(11) **WO 02/41217** (13) A2
(21) PCT/US01/43081
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/711,945 **15 Nov/nov 2000 US (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR DEVELOPING AND USING A REQUEST FOR TRANSACTION FRAMEWORK
• SYSTEME ET PROCEDE POUR DEVELOPPER ET UTILISER UNE REQUETE POUR UN CADRE DE TRANSACTIONS
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) **TRAN, Tuan**; Santa Clara, CA 95054 (US).
- (74) **BAILEY, Matthew, T.** et al. / etc.; Hogan & Hartson L.L.P., 555 - Thirteenth Street, N.W., Washington, DC 20004-1109 (US).
- (81) AU DE GB JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 17/60**
(11) **WO 02/41218** (13) A2
(21) PCT/US01/43082
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/712,170 **15 Nov/nov 2000 US (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • DYNAMIC CALCULATION OF PRICES USING PRICING ENGINE
- CALCUL DYNAMIQUE DE PRIX A L'AIDE D'UN MOTEUR DE TARIFICATION
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) **WHITE, Lawrence**; Redwood City, CA 94061 (US).
- (74) **BAILEY, Matthew, T.**; Hogan & Hartson, LLP, 555 13th Street, NW, Washington, DC 20004-1109 (US).
- (81) DE GB JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 17/60**
(11) **WO 02/41219** (13) A1
(21) PCT/US01/43100
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 60/249,057 **15 Nov/nov 2000 US (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
- (54) • PROMOTION PRICING SYSTEM AND METHOD
• SYSTEME ET PROCEDE D'EVALUATION D'UN PRIX PROMOTIONNEL
- (71) **MANUGISTICS ATLANTA, INC.** [US/US]; 2115 East Jefferson Street, Rockville, MD 20852 (US).
- (72) **BOYD, Dean, Weldon**; 36245 Wagner Lane, Cottage Grove, OR 97424 (US). **BALEPUR, Prashand, Narayan**; 1606 Pala Ranch Circle, San Jose, CA 95133 (US). **SCHWARZ, Henry, Frederick**; 1171 Rickover Lane, Foster City, CA 94404 (US). **APPS, Phillip, David, Reginald**; 2035 California Street, Apt. #7, Mountain View, CA 94040 (US). **NANDIWADA, Ravishankar, Venkata**; 7110 Rainbow Drive, Apt. #13, San Jose, CA 95129 (US). **MONTEIRO, Brian, Lawrence**; 452 South Bernardo, Apt. #1, Sunnyvale, CA 94086 (US). **GUARDINO, Thomas, Edward**; 1033 Forrester Way, Eugene, OR 97401 (US).
- (74) **CROWSON, Celine, Jimenez** et al. / etc.; Hogan & Hartson L.L.P., 555 Thirteenth Street, N.W., Washington, DC 20004-1109 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G06F 17/60**
(11) **WO 02/41220** (13) A1
(21) PCT/US01/43218

(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en

(30) 60/249,863 **17 Nov/nov 2000 US (17.11.2000)**

(30) 10/001,150 **15 Nov/nov 2001 US (15.11.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR INSERTING PROMOTIONAL MESSAGES INTO AN INTERNET PURCHASE TRANSACTION
• PROCEDE POUR INSERER DES MESSAGES PROMOTIONNELS LORS D'UNE TRANSACTION D'ACHAT EFFECTUEE PAR INTERNET

(71) **HARVEST EVU, LLC** [US/US]; 26111 Antonio Parkway, Suite 300, Rancho Santa Margarita, CA 92688 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUTTEN, Curt** [US/US]; 282 Stonecliff Isle, Irvine, CA 92612 (US).

(74) **STETINA, Kit, M.**; Stetina Brunda Garred & Brucker, 75 Enterprise, Suite 250, Aliso Viejo, CA 92656 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**

(11) **WO 02/41221** (13) A1

(21) PCT/US01/43675

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,174 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • PRODUCT DEVELOPMENT PROCESS
• PROCEDE DE DEVELOPPEMENT DE PRODUITS

(71, 72) **JURAS, Michael, F.** [US/US]; 1990 Hillwood Court, Bloomfield Hills, MI 48304 (US).

(72) **FECEK, Michael, G.**; 2823 Powderhorn Ridge, Rochester Hills, MI 48309 (US).

(74) **HANLON, William, M., Jr.** et al. / etc.; Young & Basile, PC, 3001 West Big Beaver Road, Suite 624, Troy, MI 48084 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**

(11) **WO 02/41222** (13) A1

(21) PCT/US01/43793

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 09/713,487 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR PROJECT LOG STORAGE AND RETRIEVAL

• SYSTEME ET PROCEDE DE STOCKAGE ET DE RECUPERATION D'UN JOURNAL DE PROJET

(71) **PACIFIC DATAVISION, INC.** [US/US]; 6235 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **LASENSKY, Peter, Joel**; 12790 Jordan Ridge, San Diego, CA 92130 (US).
FEHRENBACH, Mark, Everett; 5531 Brettonwood Court, San Diego, CA 92130 (US).

(74) **MEADOR, Terrance, A.**; Gray Cary Ware & Freidenrich, Suite 1100, 4365 Executive Drive, San Diego, CA 92121-2189 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60**

(11) **WO 02/41223** (13) A2

(21) PCT/US01/45373

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) en (26) en

(30) 09/713,135 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPROACH FOR PROCESSING ELECTRONIC ORDERS

• PROCEDE DE TRAITEMENT DE COMMANDES ELECTRONIQUES

(71) **E-CENTIVES, INC.** [US/US]; 7th Floor, 6901 Rockledge Drive, Bethesda, MD 20817 (US).

(72) **JAVANGULA, Pradeep**; 5819 Pala Mesa Drive, San Jose, CA 95123 (US).
HENDRIKSE, Norbert; 1014 Grizzly Peak Boulevard, Berkeley, CA 94708 (US).
PADALA, Sailendra; 1521 DeAnza Boulevard, San Mateo, CA 94403 (US).

(74) **BECKER, Edward** et al. / etc.; HICKMAN PALERMO TRUONG & BECKER, LLP, 1600 Willow Street, San Jose, CA 95125 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41224** (13) A1

(21) PCT/US01/46163

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/713,506 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND SYSTEM FOR PROCESSING RECURRENT CONSUMER TRANSACTIONS

• PROCEDE ET SYSTEME DE TRAITEMENT D'OPERATIONS CONSOMMATEUR RECURRENTES

(71) **IPRIVACY LLC** [US/US]; 599 Lexington Avenue, New York, NY 10022 (US).

(72) **STOLFO, Salvatore, J.**; 80 Kenilworth Road, Ridgewood, NJ 07450 (US).

(74) **MORRIS, Francis, E.** et al. / etc.; Pennie & Edmonds LLP, 1155 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41225** (13) A2

(21) PCT/US01/47417

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 60/249,796 **17 Nov/nov 2000 US (17.11.2000)**

(30) 60/288,310 **2 May/mai 2001 US (02.05.2001)**

(30) 10/005,609 **7 Nov/nov 2001 US (07.11.2001)**

(43) 23 May/mai 2002 (23.05.2002)

- (54) • GLOBAL ELECTRONIC TRADING SYSTEM
• SYSTEME DE COMMERCE ELECTRONIQUE MONDIAL
- (71) VALAQUENTA INTELLECTUAL PROPERTIES LIMITED [—/—]; 41 Cedar Avenue, Hamilton HM12 (BM).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GLODJO, Arman [CA/—]; 1138-48 Par-La-Ville Road, Hamilton HM11 (BM).
BRONSON, Nathan, D. [US/US]; 206 North Duke Street, Apt. 104, Durham, NC 22701 (US).
HARRINGTON, Scott, E. [US/US]; 107 Old Pittsboro Road, Carrboro, NC 27510 (US).
- (74) RADLO, Edward, J. et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, 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 NO NZ OM PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/60
- (11) WO 02/41226 (13) A1
- (21) PCT/US01/05930
- (22) 26 Feb/fév 2001 (26.02.2001)
- (25) en (26) en
- (30) 09/713,406 16 Nov/nov 2000 US (16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR EFFICIENTLY DEPLOYING VEHICLES OF A DENSELY POPULATED URBAN AREA
• PROCEDE ET APPAREIL DE DEPLOIEMENT EFFICACE DE VEHICULES D'UNE ZONE URBAINE DENSEMENT PEUPLEE
- (71, 72) CAMER, Dorothy [US/US]; 7008 Aspen Avenue, Takoma Park, MD 20912 (US).
- (81) CA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G06F 17/60
- (11) WO 02/41227 (13) A1
- (21) PCT/US01/09046
- (22) 21 Mar/mar 2001 (21.03.2001)
- (25) en (26) en
- (30) 09/531,237 21 Mar/mar 2000 US (21.03.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NETWORKED SYSTEM FOR INTERACTIVE COMMUNICATION AND REMOTE MONITORING OF INDIVIDUALS
- SYSTÈME EN RÉSEAU DE COMMUNICATIONS INTERACTIVES ET DE TÉLÉSURVEILLANCE D'INDIVIDUS
- (71) HEALTH HERO NETWORK, INC. [US/US]; Suite 111, 2570 West El Camino Real, Mountain View, CA 94040 (US).
- (72) BROWN, Stephen, J.; 3324 Woodside Road, Woodside, CA 94062 (US).
- (74) LORBIECKI, Mark, L.; Black Lowe & Graham PLLC, 816 Second Avenue, Seattle, WA 98104 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 19/00
- (11) WO 02/41229 (13) A2
- (21) PCT/EP01/12835
- (22) 6 Nov/nov 2001 (06.11.2001)
- (25) de (26) de
- (30) 100 56 496.8 15 Nov/nov 2000 DE (15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR CONTROLLING HOUSEHOLD DEVICES
• PROCEDE ET DISPOSITIF POUR COMMANDER DES APPAREILS MENAGERS
- (71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Hochstr. 17, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERTHOLD, Arndt [DE/DE]; Humboldtstr. 17, 04105 Leipzig (DE).
BÖLDT, Frank [DE/DE]; Lange Str. 22, 14656 Brieselang (DE).
- (74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Hochstr. 17, 81669 München (DE).
- (81) CN JP KR PL SI US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : CN JP KR PL SI EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
-
- (51)⁷ G06F 19/00
- (11) WO 02/41230 (13) A2
- (21) PCT/US01/43751
- (22) 16 Nov/nov 2001 (16.11.2001)
- (25) en (26) en
- (30) 60/249,575 17 Nov/nov 2000 US (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A SYSTEM AND METHOD FOR ANNOTATING PATIENT MEDICAL INFORMATION
• SYSTEME ET PROCEDE D'ANNOTATION D'INFORMATIONS MEDICALES RELATIVES A UN PATIENT
- (71) SIEMENS MEDICAL SOLUTIONS USA, INC. [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US).
- (72) AUER, John, E.; 9 Linden Street, Ipswich, MA 01938 (US).
RUTLEDGE, Jolyn; 7 Ashley Drive, Amesbury, MA 01913 (US).
- (74) BURKE, Alexander, J. et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) JP NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (q1)
-
- (51)⁷ G06F 19/00
- (11) WO 02/41231 (13) A2
- (21) PCT/US01/43834
- (22) 16 Nov/nov 2001 (16.11.2001)
- (25) en (26) en
- (30) 60/249,622 17 Nov/nov 2000 US (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CLINICIAN'S ASSISTANT SYSTEM

• SYSTEME D'ASSISTANCE POUR CLICNIEN

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; 34th and Charles Streets, Baltimore, MD 21218 (US).

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

(72, 75) **GREENBERG, Robert, S.** [US/US]; 13810 Kennard Drive, Glenelg, MD 21737 (US). **SELLERS, William, A.** [US/US]; 3978 Ransey Drive, Edgewater, MD 21077 (US). **STAATS, Peter** [US/US]; 1629 Providence Road, Baltimore, MD 21286 (US). **YASTER, Myron** [US/US]; 1808 South Road, Baltimore, MD 21209 (US).

(74) **COOCH, Francis, A.** et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (q1)

(51)⁷ G06F 19/00

(11) **WO 02/41232** (13) A2

(21) PCT/US01/44024

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 60/249,574 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS FOR PROCESSING AND DISPLAYING PATIENT MEDICAL INFORMATION

• APPAREIL DE TRAITEMENT ET D'AFFICHAGE D'INFORMATIONS MEDICALES DE PATIENT

(71) **SIEMENS MEDICAL SOLUTIONS USA, INC.** [US/US]; 186 Wood Avenue South, Iselin, NJ 08830-2770 (US).

(72) **AUER, John, E.**; 9 Linden Street, Ipswich, MA 01938 (US). **RUTLEDGE, Jolyn**; 7 Ashley Drive, Amesbury, MA 01913 (US). **MONTELEONE, Rand**; 5 Lincoln Drive, Acton, MA 01720 (US).

(74) **BURKE, Alexander, J.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN IN JP NO.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 19/00

(11) **WO 02/41233** (13) A1

(21) PCT/US01/45778

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/715,385 **16 Nov/nov 2000 (16.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • POSITIVE-RETURN GAMBLING

• JEUX DE HASARD A RETOUR POSITIF

(71) **ELECTRONIC ARTS INC.** [US/US]; 209 Redwood Shores Parkway, Redwood City, CA 94065 (US).

(72) **RUSH, Nicholas, J.**; 211 Mountaire Circle, Clayton, CA 94517 (US). **KAPALKA, Jason, M.**; 526 Shrader Street, San Francisco, CA 94117 (US). **SIDHU, Sukhbir, S.**; 320 North Civic Drive, #313, Walnut Creek, CA 94596 (US).

(74) **GRAY, Gerald, T.** 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41234** (13) A2

(21) PCT/US01/50759

(22) **25 Oct/oct 2001 (25.10.2001)**

(25) en (26) en

(30) 09/707,576 **6 Nov/nov 2000 (06.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR SELECTIVELY CLASSIFYING A POPULATION

• SYSTEME ET PROCEDE PERMETTANT DE CLASSIFIER SELECTIVEMENT UNE POPULATION

(71) **ILLUMIGEN BIOSCIENCES, INC.** [US/US]; Suite 1410, 1415 Second Avenue, Seattle, WA 98101 (US).

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

(72, 75) **MAGNESS, Charles, L.** [US/US]; 6011 57th Avenue NE, Seattle, WA 98115 (US). **IADONATO, Shawn, P.** [US/US]; #1410, 1415 Second Avenue, Seattle, WA 98101 (US).

(74) **DONOHUE, Michael, J.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 94/45

(11) **WO 02/41235** (13) A2

(21) PCT/FR01/03564

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) fr (26) fr

(30) 00/14634 **14 Nov/nov 2000 (14.11.2000)** FR

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR VERIFYING BEFORE ACTIVATING A PROGRAMME LOADED IN A SMART CARD

• PROCEDE DE VERIFICATION AVANT ACTIVATION D'UN PROGRAMME CHARGE DANS UNE CARTE A PUCE

(71) **GEMPLUS** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de GEMENOS, F-13420 GEMENOS (FR).

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

(72, 75) **GIRARD, Pierre** [FR/FR]; 4 Avenue de Brue, F-13600 LA CIOTAT (FR). **GIRAUD, Jean-Luc** [FR/FR]; Résidence Jardin des Potiers Bt A, F-13400 AUBAGNE (FR).

(74) **BRUN, Philippe**; C/O GEMPLUS, Service brevets, BP 100, F-13881 GEMENOS 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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
(11) **WO 02/41236** (13) A2
(21) PCT/US01/43777
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 09/714,888 **16 Nov/nov 2000 US (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • HIGH SECURITY DATA CARD
• CARTE DE DONNEES HAUTE SECURITE
(71) **TRINITY TECHNOLOGIES LLC** [US/US]; Suite 318, 136 South Main Street, Salt Lake City, UT 84101 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HANSEEN, Paul** [US/US]; 1436 Laird Avenue, Salt Lake City, UT 84105 (US).
(74) **CLAYTON, Grant, R.**; Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, UT 84091 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **G06K 7/00**
(11) **WO 02/41238** (13) A2
(21) PCT/EP01/13419
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 00890344.5 **20 Nov/nov 2000 EP (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • DATA CARRIER DESIGNED FOR CONTACTLESS COMMUNICATION AND HAVING DETECTION MEANS FOR DETECTING A TEMPERATURE PREVAILING IN THE DATA CARRIER
• PORTEUSE DE DONNEES DE COMMUNICATION SANS CONTACT POUR VUE D'ORGANES DE DETECTION SERVANT A DETECTER LA TEMPERATURE PREDOMINANTE DE LA PORTEUSE DE DONNEES
(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) **CERNUSCA, Michael** [AT/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
POSCH, Stefan [AT/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
PREISHUBER-PFLUEGL, Josef [AT/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
THUERINGER, Peter [AT/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **WEBER, Helmut** et al. / etc.; International Octrooibureau B.V., 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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (q1)
-
- (51)⁷ **G06K 7/00, A61B 5/117**
(11) **WO 02/41237** (13) A1
(21) PCT/CA01/01606
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 2,326,079 **16 Nov/nov 2000 CA (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • A SYSTEM FOR NON-CONTACT IDENTIFICATION AND RETRIEVAL OF AN INDIVIDUALS PERSONAL INFORMATION
• SYSTEME D'IDENTIFICATION A DISTANCE ET RECUPERATION D'INFORMATIONS PERSONNELLES RELATIVES A UN INDIVIDU PORTEUR DUDIT SYSTEME
(71) **VISUALMED CLINICAL SYSTEMS CORPORATION** [CA/CA]; 391 Laurier West, Montreal, Quebec H2V 2K3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SALASIDIS, Robert** [CA/CA]; 1628 Le Caron, Laval, Quebec H7V 3C5 (CA).
(74) **DONAHUE ERNST & YOUNG LLP**; Ernst & Young Tower, T.D. Centre, Suite 1800, 222 Bay Street, P.O. Box 197, Toronto, Ontario M5K 1J7 (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
- (30) 60/248,897 **15 Nov/nov 2000 US (15.11.2000)**
(30) 60/287,947 **1 May/mai 2001 US (01.05.2001)**
(30) 60/296,615 **7 Jun/juin 2001 US (07.06.2001)**
(30) 60/325,572 **28 Sep/sep 2001 US (28.09.2001)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • MINIATURIZED PHOTODENSITOMETER INSTRUMENTATION SYSTEM
• SYSTEME POUR UNE INSTRUMENTATION DE LECTURE PHOTOELECTRIQUE MINIATURISEE
(71) **QUALITY ENGINEERING ASSOCIATES, INC.** [US/US]; 99 South Bedford Street #4, Burlington, MA 01803 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TSE, Ming-Kai** [US/US]; 4 Flintlock Road, Lexington, MA 02421 (US).
(74) **GAGNEBIN, Charles, L., III** et al. / etc.; Weingarten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, Boston, MA 02109 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA.
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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ **G06K 7/08**
(11) **WO 02/41240** (13) A1
(21) PCT/GB01/05097
(22) **19 Nov/nov 2001 (19.11.2001)**
(25) en (26) en
(30) 0028102.2 **17 Nov/nov 2000 GB (17.11.2000)**
(30) 0112968.3 **29 May/mai 2001 GB (29.05.2001)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • BALL IDENTIFYING DEVICE
• DISPOSITIF D'IDENTIFICATION DE BALLE
- (71) **WORLD GOLF SYSTEMS LIMITED** [GB/GB]; Top Golf Game Centre, Axis 4 Rhodes Way, Watford, Herts WD24 4YW (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THIRKETTLE, John, Scott** [GB/GB]; The Red House, 18 Station Road, Long Marston, Hertfordshire HP23 4QS (GB).
JOLLIFFE, David, Victor [GB/GB]; World Golf Systems Limited, Top Golf Game Centre, Axis 4 Rhodes Way, Watford, Herts WD24 4YW (GB).
- (74) **POWELL, Stephen, D.** et al. / etc.; Williams, Powell & Associates, 4 St. Paul's Churchyard, London EC4M 8AY (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G06K 9/60, 9/78, G06F 3/00**
- (11) **WO 02/41241** (13) A1
- (21) PCT/SE01/02554
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) sv (26) en
- (30) 0004231-7 **17 Nov/nov 2000 (17.11.2000)** SE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • APPLICATIONS FOR A MOBILE DIGITAL CAMERA, THAT DISTINGUISH BETWEEN TEXT-, AND IMAGE-INFORMATION IN AN IMAGE
• APPLICATIONS D'UN APPAREIL-PHOTO NUMERIQUE MOBILE FAISANT LA DISTINCTION ENTRE DONNEES TEXTE ET DONNEES IMAGE D'UNE IMAGE
- (71, 72) **WEITMAN, Jacob** [SE/SE]; Framnäs vägen 7, S-182 63 Djursholm (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 ES FI GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06K 11/00**
- (11) **WO 02/41242** (13) A2
- (21) PCT/IB01/02717
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 0027894.5 **15 Nov/nov 2000 (15.11.2000)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRONIC WRITING SYSTEM
• SYSTEME D'ECRITURE ELECTRONIQUE
- (71) **ESSELTE N.V.** [BE/BE]; Industriepark-Noord 30, PO Box 85, B-9100 Sint-Niklaas (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARTENS, Cornelis** [NL/NL]; Colijnspolder 12A, NL-4617 MK bergen Op Zoom (NL). **BLOCK, David** [US/US]; 7145 View Avenue, El Cerrito, CA 94350-1811 (US). **OTTOSON, Ulf** [SE/SE]; Kalkbacken 3, S-163 54 Spanga (SE). **STRAND, Örjan** [SE/SE]; Svarvarevägen 11, S-280 20 Bjarnum (SE).
- (74) **DRIVER, Virginia, Rozanne** 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 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06K 13/06**
- (11) **WO 02/41243** (13) A1
- (21) PCT/JP01/10093
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) ja (26) ja
- (30) 2000-350690 **17 Nov/nov 2000 (17.11.2000)** JP
- (30) 2000-370485 **5 Dec/déc 2000 (05.12.2000)** JP
- (30) 2000-370497 **5 Dec/déc 2000 (05.12.2000)** JP
- (30) 2001-172967 **7 Jun/juin 2001 (07.06.2001)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FOREIGN MATTER DETECTING MECHANISM, CARRIAGE MOVING MECHANISM AND METHOD FOR OPERATING CARRIAGE MOVING MECHANISM
• MECANISME DE DETECTION D'OBJETS ETRANGERS, MECANISME MOBILE DE TRANSPORT ET PROCEDE DE FONCTIONNEMENT DE CE DERNIER
- (71) **LEXMARK INTERNATIONAL, INC.** [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).
- (72) **MURPHY, David, William**; 202 Clubhouse Drive, Nicholasville, KY 40356 (US). **OVERALL, Gary, Scott**; 2412 Vale Court, Lexington, KY 40514 (US). **RIVERS, Martin, Geoffrey**; 148 Idle Hour Drive, Lexington, KY 40502 (US). **WILLETT, Bryan, Scott**; 205 Woodbrook Place, Lexington, KY 40511 (US).
- (74) **LAMBERT, D., Brent**; Lexmark International, Inc., Intellectual Property Law Department, 740 West New Circle Road, Lexington, KY 40550 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);
- (71) **KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO** [JP/JP]; 5329, Shimosuwa-machi, Suwa-gun, Nagano 393-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRASAWA, Kenji** [JP/JP]; c/o KABUSHIKI KAISHA SANKYO SEIKI SEISAKUSHO, 5329, Shimosuwa-machi, Suwa-gun, Nagano 393-8511 (JP).
- (74) **MURASE, Kazumi**; Nishishimbashi Tachikawa Bldg. Bekkan, 12-7, Nishishimbashi 2-chome, Minato-ku, Tokyo 105-0003 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06K 15/00**
- (11) **WO 02/41244** (13) A1
- (21) PCT/US01/45322
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/713,399 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR ADAPTIVELY MATCHING PRINT QUALITY AND PERFORMANCE IN A HOST BASED PRINTING SYSTEM
• PROCEDE D'EQUILIBRAGE ADAPTIF DE LA QUALITE ET DU RENDEMENT D'IMPRESSION DANS UN SYSTEME D'IMPRESSION GERE PAR LE SYSTEME CENTRAL
- (71) **LEXMARK INTERNATIONAL, INC.** [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).
- (72) **MURPHY, David, William**; 202 Clubhouse Drive, Nicholasville, KY 40356 (US). **OVERALL, Gary, Scott**; 2412 Vale Court, Lexington, KY 40514 (US). **RIVERS, Martin, Geoffrey**; 148 Idle Hour Drive, Lexington, KY 40502 (US). **WILLETT, Bryan, Scott**; 205 Woodbrook Place, Lexington, KY 40511 (US).
- (74) **LAMBERT, D., Brent**; Lexmark International, Inc., Intellectual Property Law Department, 740 West New Circle Road, Lexington, KY 40550 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

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

Published / Publiée : (c)

(51)⁷ **G06K 19/02, B42D 15/10**

(11) **WO 02/41245** (13) A2

(21) PCT/EP01/13287

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 57 231.6 **18 Nov/nov 2000 DE (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MULTIFUNCTIONAL CARD BODY
• CORPS DE CARTE MULTIFONCTIONNEL

(71) **ORGA KARTENSYSTEME GMBH** [DE/DE]; An der Kapelle 2, 33104 Paderborn (DE).

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

(72, 75) **SCHUMACHER, Matthias** [DE/DE]; Pöppenweg 5a, 33178 Borcheln (DE). **FISCHER, Dirk** [DE/DE]; Am Franzosenbach 32, 33178 Borcheln (DE).

(74) **SCHNEIDERS & BEHRENDT**; Huesstrasse 23, 44787 Bochum (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 SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06N**

(11) **WO 02/41246** (13) A2

(21) PCT/HU01/00113

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) P 00 04500 **15 Nov/nov 2000 HU (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • VIDEO SIGNAL PROCESSING COMPUTER, CELLULAR CHIP AND METHOD
• ORDINATEUR DE TRAITEMENT D'UN SIGNAL VIDEO, PUCE CELLULAIRE ET PROCEDE ASSOCIE

(71) **MAGYAR TUDOMÁNYOS AKADÉMIA SZÁMÍTÁSTECHNIKAI ÉS AUTOMATIZÁLÁSI KUTATÓ INTÉZET** [HU/HU]; Kende u. 13-17, H-1111 Budapest (HU).

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

(72, 75) **ZARÁNDY, Ákos** [HU/HU]; György Aladár u. 19/c, H-1125 Budapest (HU). **ROSKA, Tamás** [HU/HU]; Kikelet u. 38/b, H-1125 Budapest (HU).

(74) **GÖDÖLLE, KÉKES, MÉSZÁROS & SZABÓ PATENT AND TRADEMARK ATTORNEYS**; Keleti Károly u. 13/b, H-1024 Budapest (HU).

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

(51)⁷ **G06N 1/00**

(11) **WO 02/41247** (13) A1

(21) PCT/DE01/04381

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 58 243.5 **19 Nov/nov 2000 DE (19.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND ASSEMBLY FOR PROCESSING QUANTUM-MECHANICAL INFORMATION UNITS

• PROCEDE ET DISPOSITIF POUR LE TRAITEMENT D'UNITES D'INFORMATIONS EN MECANIQUE QUANTIQUE

(71) **HAHN-MEITNER-INSTITUT BERLIN GMBH** [DE/DE]; Glienicke Str. 100, 14109 Berlin (DE).

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

(72, 75) **HARNEIT, Wolfgang** [DE/DE]; Fabriciusstr. 3, 10589 Berlin (DE). **DINSE, Klaus-Peter** [DE/DE]; Am Zapfenberg 1, 69121 Heidelberg (DE). **MERTESACKER, Bernd** [DE/DE]; Freester Weg 4G, 13503 Berlin (DE). **WAIBLINGER, Markus** [DE/DE]; Huttenstr. 68, 10553 Berlin (DE). **WEIDINGER, Alois** [DE/DE]; Kirchweg 39, 14129 Berlin (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G06N 5/00, G06F 19/00, 17/30**

(11) **WO 02/41248** (13) A1

(21) PCT/JP01/03985

(22) **14 May/mai 2001 (14.05.2001)**

(25) ja (26) ja

(30) 2000-346454 **14 Nov/nov 2000 JP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COUPLING RULE EXTRACTING METHOD, EXTRACTING SYSTEM, AND COUPLING RULE EXTRACTING PROGRAM

• PROCEDE D'EXTRACTION DE REGLES DE COUPLAGE, SYSTEME

D'EXTRACTION ET PROGRAMME D'EXTRACTION DE REGLES DE COUPLAGE

(71, 72) **MORISHITA, Shinichi** [JP/JP]; 1-3-4-1202, Minami-Yamada, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0029 (JP). **SESE, Jun** [JP/JP]; 8-15-24-304, Toshima, Kita-ku, Tokyo 114-0003 (JP).

(74) **KUBOTA, Eiichiro** et al. / etc.; First Floor, Akasaka Yamada Bldg., 21-8, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CA US.

Published / Publiée : (n)

Declaration / Déclaration :
(v) for all designations / pour toutes les désignations

(51)⁷ **G06T**

(11) **WO 02/41249** (13) A2

(21) PCT/US01/43970

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) en (26) en

(30) 60/249,470 **7 Nov/nov 2000 US (07.11.2000)**

(30) 60/252,805 **22 Nov/nov 2000 US (22.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • ILLUMINATION BASED IMAGE SYNTHESIS

• SYNTHESE D'IMAGE A BASE D'ECLAIRAGE

(71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06520 (US).

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

(72, 75) **BELHUMEUR, Peter, N.** [US]; 23 Bank Steet, New York, NY 10014 (US).

GEORGHIADES, Anthinodoros, S. [US]; 103 Olive Street, Apt. B, New Haven, CT 06511 (US). **KREIGMAN, David, J.** [US]; 1208 Oak Creek Road, Mahomet, IL 61853 (US).

(74) **PRAHL, Eric, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06T**

(11) **WO 02/41250** (13) A2

(21) PCT/US01/44243

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/715,636 **17 Nov/nov 2000 US (17.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● APPARATUS AND METHODS FOR CREATING REAL-TIME 3-D IMAGES AND CONSTRUCTING 3-D MODELS OF AN OBJECT IMAGED IN AN OPTICAL SYSTEM
- APPAREIL ET PROCÉDES DE CREA-TION D'IMAGES TRIDIMENSIONNELLES EN TEMPS REEL ET DE CONSTRUCTION DE MODELES TRIDIMENSIONNELS D'UN OBJET REPRESENTÉ DANS UN SYSTEME OPTIQUE
- (71, 72) **GREENBERG, Gary** [US/US]; 520 Washington Boulevard #422, Marina Del Rey, CA 90292 (US).
- (74) **BRUCKER, H., Michael**; 5855 Doyle Street, Suite 110, Emeryville, CA 94608 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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) **WO 02/41251** (13) A2
- (21) PCT/US01/47522
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 09/713,070 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A METHOD AND SYSTEM FOR DYNAMICALLY ALLOCATING A FRAME BUFFER FOR EFFICIENT ANTI-ALIASING
- PROCÉDE ET SYSTEME PERMETTANT D'ATTRIBUER DYNAMIQUEMENT UNE MEMOIRE VIDEO POUR UN ANTICRENELAGE EFFICACE
- (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)
- (74) **NICHOLS, Steven, L.**; Rader, Fishman & Grauer PLLC, River Park Corporate Center One, 10653 S. River Front Parkway, Suite 150, South Jordan, UT 84095 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/00, 11/00**
- (11) **WO 02/41252** (13) A1
- (21) PCT/SE01/02063
- (22) **26 Sep/sep 2001 (26.09.2001)**
- (25) en (26) en
- (30) 0004210-1 **16 Nov/nov 2000 (16.11.2000)** SE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SCENE RECONSTRUCTION AND CAMERA CALIBRATION WITH ROBUST USE OF CHEIRALITY
- RECONSTRUCTION DE SCENE ET ETALONNAGE DE CAMERA PAR UTILISATION DE CHIRALITE ROBUSTE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NISTER, David** [US/US]; 1604 Deer Creek Drive, Plainsboro, NJ 08536 (US).
- (74) **HEDMAN, Anders** et al. / etc.; Aros Patent AB, Box 1544, S-751 45 Uppsala (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
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- (51)⁷ **G06T 7/00**
- (11) **WO 02/41254** (13) A1
- (21) PCT/JP01/10101
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) ja (26) ja
- (30) 2000-351897 **17 Nov/nov 2000 (17.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ROBOT DEVICE AND FACE IDENTIFYING METHOD, AND IMAGE IDENTIFYING DEVICE AND IMAGE IDENTIFYING METHOD
- DISPOSITIF ROBOT ET PROCÉDE D'IDENTIFICATION FACIALE, ET DISPOSITIF ET PROCÉDE D'IDENTIFICATION D'IMAGES
- (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) **OKUBO, Atsushi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SABE, Kohtaro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KAWAMOTO, Kenta** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **FUKUCHI, Masaki** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CA US.
-
- (51)⁷ **G06T 11/60, 7/20**
- (11) **WO 02/41255** (13) A1
- (21) PCT/EP00/11508
- (22) **20 Nov/nov 2000 (20.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● IMPROVED TWO-IMAGE CROPPING SYSTEM AND METHOD AND THE USE THEREOF IN THE DIGITAL PRINTING AND SURVEILLANCE FIELD
- SYSTEME DE RECADRAGE DE DEUX IMAGES ET PROCÉDE D'UTILISATION DANS LE DOMAINE DE L'IMPRESSION NUMERIQUE ET DE LA SURVEILLANCE
- (71) **ORLEAN HOLDING N.V.** [NL/NL]; 31 Emancipatie Boulevard, Curacao NA (AN).
- (72, 75) **THIEME, Ico** [IT/IT]; Via G. D'Annunzio, 2, I-20068 Peschiera Borromeo (IT).

- (74) **ZANELLA, Ireneo**; Zanella & Associati S.r.l., P.O. Box 98, I-22074 Lomazzo (IT).
- (81) AE AL AU BA BG BR CA CN CZ DZ EE HR HU IL IN IS JP KR LT LV MA MD MK MX NO NZ PL RO RU SG SI SK TR UA US VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06T 13/00**
- (11) **WO 02/41256** (13) A2
- (21) PCT/EP01/13324
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 00204102.8 **20 Nov/nov 2000 EP (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **MEDICAL ANALYSIS DEVICE**
- DISPOSITIF D'ANALYSE MEDICALE
- (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) **KEMKERS, Geerd, R.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- SUURMOND, Rudolf, T.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **COHEN, Julius, S.** et al. / etc.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G06T 15/00**
- (11) **WO 02/41257** (13) A1
- (21) PCT/JP01/10038
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-349707 **16 Nov/nov 2000 JP (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **TEXTURE DRAWING METHOD, ENTERTAINMENT DEVICE AND RECORDING MEDIUM**
- PROCÉDÉ DE DESSIN DE TEXTURES, DISPOSITIF POUR DIVERTISSEMENTS ET SUPPORT D'ENREGISTREMENT
- (71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).
- (72) **TSUKIZAKI, Shinya**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **TERASAKA, Isamu**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).
- (74) **MISHINA, Iwao** et al. / etc.; 7F, Yokohama HS-Bldg., 9-10, Kitasaiwai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (JP).
- (81) AU BR CA CN IN KR MX NZ RU SG.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G06T 15/70**
- (11) **WO 02/41258** (13) A1
- (21) PCT/JP01/09937
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) ja (26) ja
- (30) 2000-347407 **15 Nov/nov 2000 JP (15.11.2000)**
- (30) 2001-340341 **6 Nov/nov 2001 JP (06.11.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD FOR PROVIDING DISPLAY OBJECT AND PROGRAM FOR PROVIDING DISPLAY OBJECT**
- PROCEDE ET PROGRAMME PERMETTANT D'OBTENIR UN OBJET D'AFFICHAGE
- (71) **LEXER RESEARCH INC.** [JP/JP]; 98, Chiyomi 2-chome, Tottori-shi, Tottori 680-0911 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAMURA, Masahiro** [JP/JP]; 13-12, Wakabadai-Minami 6-chome, Tottori-shi, Tottori 689-1112 (JP).
- (74) **TAKAHASHI, Ryuji** et al. / etc.; 4th Floor, ASO Bldg., 8-20, Akasaka 4-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AU CA CN IL IN KR MX NZ SG US.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G06T 15/70**
- (11) **WO 02/41259** (13) A1
- (21) PCT/US01/47098
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/712,067 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHODS AND SYSTEMS OF SIMULATING CO-ARTICULATION**
- PROCEDES ET SYSTEMES DE SIMULATION DE CO-ARTICULATION
- (71) **LIPS, INC.** [US/US]; 1600 Perimeter Park Drive, Suite 400, Morrisville, NC 27560 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MILLIGAN, Stephen** [US/US]; 108-C Pleasant Drive, Carrboro, NC 27510 (US). **NOVIKOVA, Elena** [US/US]; 9808 Laurel Street, Fairfax, VA 22302 (US). **DOHERTY, Brian** [US/US]; 8506 Balmoral Place, Chapel Hill, NC 27516 (US). **ALBURY, Richard** [US/US]; 1124 Toppe Ridge Court, Raleigh, NC 27615 (US).
- (74) **CORTINA, Anibal** et al. / etc.; Kilpatrick Stockton LLP, 3737 Glenwood Avenue, Suite 400, Raleigh, NC 27612 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G07B 15/00**
- (11) **WO 02/41260** (13) A2
- (21) PCT/EP01/13211
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/715,717 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **TRANSACTION SYSTEM**
- SYSTEME DE TRANSACTIONS
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEDEÅS, Urban** [SE/SE]; Torvmyrs-gatan 12, S-654 69 Karlstad (SE).
- (74) **ERICSSON MOBILE PLATFORMS AB**; IPR Department, S-221 83 Lund (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G07B 17/00**
- (11) **WO 02/41261** (13) A1
- (21) PCT/DE01/04258
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 56 599.9 **15 Nov/nov 2000 DE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD FOR PROVIDING LETTERS AND PARCELS WITH POSTAL REMARKS**
- PROCEDE SERVANT A PORTER DES MARQUES D'AFFRANCHISSEMENT SUR DES ENVOIS POSTAUX
- (71) **DEUTSCHE POST AG** [DE/DE]; Heinrich-von-Stephan-Strasse 1, 53175 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANG, Jürgen** [DE/DE]; Schau ins Land 15, 51429 Bergisch Gladbach (DE).
MEYER, Bernd [DE/DE]; Zum Stöckerhof 2 c, 53639 Königswinter (DE).

(74) **JOSTARNDT, Hans-Dieter**; JOSTARNDT-THUL, Brüsseler Ring 51, 52074 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**

(11) **WO 02/41262** (13) A1

(21) PCT/FR00/03179

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) fr (26) fr

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM FOR ANALYSING PEOPLE'S MOVEMENTS
• SYSTEME D'ANALYSE DES DEPLACEMENTS DE PERSONNES

(71, 72) **HAQUET, Laurence** [FR/FR]; 78, boulevard des États-Unis, F-78110 Le Vésinet (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G07D 3/00**

(11) **WO 02/41263** (13) A1

(21) PCT/JP01/10118

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) ja (26) ja

(30) 2000-353541 **20 Nov/nov 2000 (20.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • COIN PROCESSING DEVICE
• DISPOSITIF DE TRAITEMENT DES PIÈCES DE MONNAIE

(71) **STAR MICRONICS CO., LTD.** [JP/JP]; 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422-8654 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUZUKI, Yuji** [JP/JP]; c/o STAR MICRONICS CO., LTD., 20-10, Nakayoshida,

Shizuoka-shi, Shizuoka 422-8654 (JP).
KATAYAMA, Katsuyuki [JP/JP]; c/o STAR MICRONICS CO., LTD., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422-8654 (JP).

(74) **SAIKYO, Keiichiro** et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (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 ES FI GB GD GE GH GM HR HU ID 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07D 7/12, 7/16**

(11) **WO 02/41264** (13) A1

(21) PCT/GB01/04794

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) en (26) en

(30) 0028263.2 **20 Nov/nov 2000 (20.11.2000)** GB

(43) 23 May/mai 2002 (23.05.2002)

(54) • DOCUMENT HANDLING APPARATUS
• APPAREIL DE MANIPULATION DE DOCUMENTS

(71) **DE LA RUE INTERNATIONAL LIMITED** [GB/GB]; De La Rue House, Jays Close, Viables, Basingstoke, Hampshire RG22 4BS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SKINNER, John, Alan** [GB/GB]; 51 Southleigh Road, Havant, Hants PO9 2QQ (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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07F 7/00**

(11) **WO 02/41265** (13) A2

(21) PCT/EP01/12953

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) de (26) de

(30) 100 56 521.2 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR CODING AND/OR READING INFORMATION AND/OR AUTHORIZATION DATA ON A DATA CARRIER

• PROCEDE ET DISPOSITIF DE CODAGE ET/OU DE LECTURE D'INFORMATIONS ET/OU DE DONNEES D'ACCES SUR UN SUPPORT DE DONNEES

(71) **SKIDATA AG** [AT/AT]; Untersbergstrasse 40, A-5083 Gartenau (AT).

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

(72, 75) **STOCKHAMMER, Rudolf** [AT/AT]; Laim 139, A-5340 St. Gilgen (AT).

(74) **HAFT, V. PUTTKAMER, BERNGRUBER, CZYBULKA, KARAKATSANIS**; Franziskanerstrasse 38, 81669 München (DE).

(81) CA JP KR NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G07F 7/10**

(11) **WO 02/41266** (13) A2

(21) PCT/EP01/12266

(22) **24 Oct/oct 2001 (24.10.2001)**

(25) en (26) en

(30) 00124901.0 **15 Nov/nov 2000 (15.11.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR PAYMENT, USER EQUIPMENT, SERVER, PAYMENT SYSTEM AND COMPUTER PROGRAMME PRODUCT

• PROCEDE DE PAIEMENT, EQUIPEMENT UTILISATEUR, SERVEUR, SYSTEME DE PAIEMENT ET PRODUIT-PROGRAMME INFORMATIQUE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-12625 Stockholm (SE).

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

(72, 75) **BOYLAN, Cornelius** [US/DE]; Gotzenstrasse 29, 52511 Geilenkirchen (DE).

ZAVAGLI, Guido [DE/JP]; Nippon Ericsson K.K., Koraku Mori Building 7F, 1-4-14, Koraku, Bunkyo-ku, Tokyo 112-0004 (JP).

(74) **MOHSLER, Gabriele**; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (q1)

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 PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G07F 7/10, G11C 7/16

(11) WO 02/41267 (13) A1

(21) PCT/FR01/03563

(22) 14 Nov/nov 2001 (14.11.2001)

(25) fr (26) fr

(30) 00/14633 14 Nov/nov 2000 FR
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR LOADING AND
CUSTOMIZING DATA AND PRO-
GRAMMES LOADED IN A SMART
CARD● PROCEDE DE CHARGEMENT ET DE
PERSONNALISATION DES INFORMA-
TIONS ET PROGRAMMES CHARGES
DANS UNE CARTE A PUCE(71) GEMPLUS [FR/FR]; Avenue du Pic de
Bertagne, Parc d'Activités de GEMENOS,
F-13420 GEMENOS (FR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GIRAUD, Jean-Luc [FR/FR]; Rési-
dence Jardin des Potiers Bt A, F-13400
AUBAGNE (FR).(74) BRUN, Philippe; GEMPLUS, Service
Brevets, BP 100, F-13881 GEMENOS
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 ES FI GB GD GE GH GM
HR HU ID 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 TR TT TZ
UA UG US UZ VN YU ZA ZW.

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 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 TR TT TZ UA UG UZ VN YU ZA
ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE 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 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 TR TT TZ UA UG UZ VN YU ZA
ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE 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 G07F 9/08

(11) WO 02/41268 (13) A2

(21) PCT/IB01/02758

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 00124784.0 14 Nov/nov 2000 EP
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● INTERNET PAYMENT ENABLING DE-
VICE FOR VENDING MACHINES● DISPOSITIF DE PAYEMENT PAR IN-
TERNET POUR DISTRIBUTEURS AU-
TOMATIQUES(71) MARCONI COMMERCE SYSTEMS
S.R.L. [IT/IT]; Via De' Cattani, 220/G,
I-50145 Firenze (IT).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CARAPELLI, Giovanni [IT/IT]; Via L.
Andreotti, 73, I-50142 Firenze (IT).(74) NOTARBARTOLO & GERVAZI S.P.A.;
Corso di Porta Vittoria 9, 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 PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ G07F 17/16

(11) WO 02/41269 (13) A1

(21) PCT/KR01/00811

(22) 17 May/mai 2001 (17.05.2001)

(25) ko (26) en

(30) U 2000-32001 15 Nov/nov 2000 KR
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● VENDING MACHINE WITH HALF
MIRROR SIGNBOARD● DISTRIBUTEUR AUTOMATIQUE À
ENSEIGNE EN GLACE SANS TAIN(71) TECHNOLOGY TREE CO., LTD.
[KR/KR]; 576-5, Shinsa-dong, Kangnam-ku,
Seoul 135-120 (KR).(for all designated States except / pour tous
les États désignés sauf US)(71, 72) KIM, Chung, Hwan [KR/KR]; 209-305,
Yanggimaoul, 36, Sunae-dong, Bundang-ku,
Sungnam-si, Kyonggi-do 463-921 (KR).(74) JIN, Cheon, Woong; #3F, Yonghun B/D,
1542-14, Seocho-dong, Seocho-ku, Seoul
137-070 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK DMDZ 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
NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).(51)⁷ G07F 19/00

(11) WO 02/41270 (13) A1

(21) PCT/HU01/00109

(22) 9 Nov/nov 2001 (09.11.2001)

(25) en (26) en

(30) P 0004604 20 Nov/nov 2000 HU
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● PROCEDURE FOR THE RELIABLE
PREPARATION AND EXECUTION OF
THE FINANCIAL SETTLEMENT OF A
BUSINESS TRANSACTION BETWEEN
A SELLER AND BUYER● PROCEDURE PERMETTANT DE PRE-
PARER ET D'EXECUTER DE MA-
NIERE FIABLE UN REGLEMENT
FINANCIER OU UNE TRANSACTION
COMMERCIALE ENTRE UN VEN-
DEUR ET UN ACHETEUR(71, 72) VILMOS, András [HU/HU]; Endródi
Sándor u. 27/a, H-1026 Budapest (HU).(74) FABER, Miklós; Advopatent, Office of
Patent and Trademark Attorneys, Fő u. 19,
H-1011 Budapest (HU).(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 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 PL PT RO RU SD SE
SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07F 19/00

(11) WO 02/41271 (13) A1

(21) PCT/IB01/02153

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 0027922.4 15 Nov/nov 2000 GB
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ELECTRONIC PAYMENT AND ASSO-
CIATED SYSTEMS● PAIEMENT ELECTRONIQUE ET SYS-
TEMES ASSOCIES(71, 72) HAIDAR, Mahmoud, Nabih, Youssef
[LB/FR]; 5 Boulevard Suchet, F-75016 Paris
(FR).

- (74) **GALLAFENT, Richard, John**; Gallafent & Co, 9 Staple Inn, London WC1V 7QH (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 NO NZ PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G08B**

- (11) **WO 02/41272** (13) A2
(21) PCT/US01/45316
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/716,002 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● OBJECT DETECTION
● DETECTION D'OBJETS
(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
(72) **HAMZA, Ridha, M.**; 425 13th Avenue S.E., Apt. 1704, Minneapolis, MN 55414 (US). **COFER, Darren, Duane**; 16017 Temple Lane, Minnetonka, MN 55345 (US).
(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G08B 13/196, H04N 7/18, 5/232**

- (11) **WO 02/41273** (13) A1
(21) PCT/GB01/05118
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 0028162.6 **20 Nov/nov 2000 GB (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● SMART CAMERA SYSTEM
● SYSTÈME DE CAMÉRA INTELLIGENTE
(71) **VISISERVE LIMITED** [GB/GB]; Terrington House, 13-15 Hills Road, Cambridge CB2 1GE (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **NORRIS, Timothy, Sweyn** [GB/GB]; 9 Meadowford, Newport, Saffron Walden, Essex CB11 3QL (GB). **BLACK, Michael** [GB/GB]; 141 Station Road, Impington, Cambridge, Cambridgeshire CB4 9NF (GB). **DICKINSON, Andrew** [GB/GB]; 7 Pott Acre, Rothley, Leicester, Leicestershire LE7 7LT (GB).
- (74) **IP.21 LIMITED**; Norwick Research Park, Colney, Norwich NR4 7UT (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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ **G08B 13/24, G01V 15/00**

- (11) **WO 02/41274** (13) A1
(21) PCT/IL01/00014
(22) **5 Jan/jan 2001 (05.01.2001)**
(25) en (26) en
(30) 60/247,996 **14 Nov/nov 2000 US (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● A SYSTEM FOR AUTHENTICATION OF PRODUCTS AND A MAGNETIC TAG UTILIZED THEREIN
● SYSTÈME D'AUTHENTIFICATION DE PRODUITS ET ÉTIQUETTE MAGNETIQUE AFFÉRENTE
(71) **ADVANCED CODING SYSTEMS LTD.** [IL/IL]; P.O. Box 2903, 40500 Even Yehuda (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MANOV, Vladimir** [IL/IL]; 6A/19 Jores Street, 35706 Haifa (IL). **SORKINE, Evgeni** [IL/IL]; 31/4 Einstein Street, 69101 Tel Aviv (IL). **YARKONI, Eii** [IL/IL]; P.O. Box 153, 44864 Kochav Yair (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G08B 13/24**

- (11) **WO 02/41275** (13) A1
(21) PCT/US01/47302
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en

(30) 09/712,492 **14 Nov/nov 2000 US (14.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
(54) ● ANTENNA WITH REDUCED MAGNETIC FAR FIELD FOR EAS MARKER ACTIVATION AND DEACTIVATION
● ANTENNE A CHAMP MAGNETIQUE LOINTAIN REDUIT SERVANT A ACTIVER ET A DESACTIVER UN MARQUEUR DE SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES
(71) **SENSORMATIC ELECTRONICS CORPORATION** [US/US]; 951 Yamato Road, Boca Raton, FL 33431-0700 (US).
(72) **ELY, Reuel, A.**; 560 NW 66th Avenue, Plantation, FL 33317 (US). **EASTER, Ronald, B.**; 6888 NW 70th Place, Parkland, FL 33067 (US).
(74) **COMOGLIO, Rick, F.** et al. / etc.; Sensormatic Electronics Corporation, 951 Yamato Road, Boca Raton, FL 33431-0700 (US).

(81) AU CA CN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

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

(51)⁷ **G08B 21/00**

- (11) **WO 02/41276** (13) A2
(21) PCT/US01/43873
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 60/248,894 **15 Nov/nov 2000 US (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● LED WARNING LIGHT AND COMMUNICATION SYSTEM
● AVERTISSEUR LUMINEUX A BASE DE DIODES ELECTROLUMINESCENTES ET SYSTEME DE COMMUNICATION
(71) **SNOWY VILLAGE, INC.** [US/US]; 25-6th Avenue North, St. Cloud, MN 56303 (US).
(72) **PEDERSON, John, C.**; 621 Roosevelt Road, St. Cloud, MN 56301 (US). **SEVERSON, Dan**; 1025 Water Avenue South, Sauk Rapids, MN 56379 (US). **SEVERSON, Cathy, Jo**; 1025 Water Avenue South, Sauk Rapids, MN 56379 (US).
(74) **VOIGT, Edwin, E.**; Vidas, Arrett & Steinkraus, 6109 Blue Circle Drive, Suite 2000, Minnetonka, MN 55343-9185 (US).
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G08B 21/00**

- (11) **WO 02/41277** (13) A1
(21) PCT/US01/46152
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 09/717,425 **20 Nov/nov 2000 US (20.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • APPARATUS AND METHOD FOR DETECTING A ROTATIONAL MOVEMENT OF A BODY
• DISPOSITIF ET PROCÉDE POUR DÉTECTER UN MOUVEMENT DE ROTATION D'UN CORPS
- (71) **ILIFE SYSTEMS, INC.** [US/US]; 5910 North Central Expressway, Suite 1775, Dallas, TX 75206 (US).
- (72) **HALLECK, Michael, D.**; 10910 Larry Drive, Northglenn, CO 80233 (US). **HALLECK, Michael, E.**; 5704 Weld County Road #22, Longmont, CO 80504 (US).
- (74) **MUNCK, William, A.** et al. / etc.; Novakov, Davis & Munck, P.C., 900 Three Galleria Tower, 13155 Noel Road, Dallas, TX 75240 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G08C**
- (11) **WO 02/41279** (13) A2
- (21) PCT/EP01/12832
- (22) **6 Nov/nov 2001 (06.11.2001)**
- (25) de (26) de
- (30) 100 56 491.7 **15 Nov/nov 2000 DE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR IMPROVING MAINTENANCE AND SERVICING ON HOUSEHOLD APPLIANCES
• PROCÉDE ET DISPOSITIF PERMETTANT D'AMELIORER LA MAINTENANCE ET LE SERVICE APRES-VENTE SUR DES APPAREILS ELECTROMENAGERS
- (71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERTHOLD, Arndt** [DE/DE]; Humboldtstr. 17, 04105 Leipzig (DE). **BÖLDT, Frank** [DE/DE]; Lange Str. 22, 14656 Brieselang (DE).
- (74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Zentralabteilung Gewerblicher Rechtsschutz, Peter Prünfte, Hochstr. 17, 81669 München (DE).
- (81) CN JP KR PL SI US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : CN JP KR PL SI EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
-
- (51)⁷ **G08B**
- (11) **WO 02/41278** (13) A1
- (21) PCT/DK01/00752
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) PA 2000 01706 **14 Nov/nov 2000 DK (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • WIRELESS MONITORING UNIT, SYSTEM FOR MONITORING AND METHOD OF USE OF MONITORING UNIT AND/OR SYSTEM
• UNITE ET SYSTEME DE CONTROLE SANS FIL ET PROCÉDE D'UTILISATION DE L'UNITE ET/OU DU SYSTEME DE CONTROLE
- (71, 72) **DAHL CHRISTENSEN, Bent, Bjørn** [DK/DK]; Jernbanegade 7, DK-9500 Hobro (DK).
- (74) **PATENTGRUPPEN APS**; Arosgården, Aaboulevard 31, DK-8000 Aarhus C (DK).
- (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 PH PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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) **HINGER, Markus** [DE/DE]; Bergstrasse 24 A, 82152 Krailling (DE).
- (74) **RÖSSIG, Rolf**; Beck & Rössig, Edward-Schmid-Strasse 9, 81541 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G08G 1/123, 1/133**
- (11) **WO 02/41281** (13) A1
- (21) PCT/DE01/04199
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) de (26) de
- (30) 100 58 913.8 **20 Nov/nov 2000 DE (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • INFORMATION SYSTEM FOR TRAFFIC NETWORK AND METHOD
• SYSTEME D'INFORMATION POUR RESEAU DE TRANSPORT ET PROCÉDE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). **HARU-REISEN OHG** [DE/DE]; Seeburger Strasse 19b, 13581 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEINHOLD, Jens** [DE/DE]; Heidenheimer Strasse 32, 13467 Berlin (DE). **SCHULZE, Karsten** [DE/DE]; Seeburger Strasse 19b, 13581 Berlin (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Wittelsbacherplatz 2, 80333 München (DE).
- (81) CN JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **G09B**
- (11) **WO 02/41282** (13) A2
- (21) PCT/US01/50172
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 09/710,611 **8 Nov/nov 2000 US (08.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • READING AND SPELLING SKILL DIAGNOSIS AND TRAINING SYSTEM AND METHOD
• DIAGNOSTIC DE COMPETENCE EN MATIERE DE LECTURE ET D'ORTHOGRAPHE ET SYSTEME ET TECHNIQUE D'APPRENTISSAGE
- (71) **VLS VIRTUAL LASER SYSTEMS AG** [DE/DE]; Talangerstrasse 7, 82152 Krailling (DE).

(71) **COGNITIVE CONCEPTS, INC.** [US/US]; Suite 300, 990 Grove Street, Evanston, IL 60201 (US).

(72) **WASOWICZ, Janet, M.**; 207 Hamilton Street, Evanston, IL 60202 (US).

(74) **LOHSE, Timothy, W.**; Gray Cary Ware & Freidenrich LLP, 1755 Embarcadero Road, Palo Alto, CA 94303-3340 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G09B 1/00**

(11) **WO 02/41283** (13) A2

(21) PCT/SI01/00029

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) P-200000271 **14 Nov/nov 2000 (14.11.2000)** SI

(43) 23 May/mai 2002 (23.05.2002)

(54) • TEACHING AID
• APPAREIL DIDACTIQUE

(71, 72) **CICAK, Stipan** [SI/SI]; Pri?tinska 16, 1000 Ljubljana (SI).

(74) **PIPAN, Marjan**; Kotnikova 5, 1000 Ljubljana (SI).

(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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09B 9/32**

(11) **WO 02/41284** (13) A2

(21) PCT/US01/29369

(22) **19 Sep/sep 2001 (19.09.2001)**

(25) en (26) en

(30) 09/712,049 **14 Nov/nov 2000 (14.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • VISUAL DISPLAY SYSTEM AND METHOD HAVING A DYNAMICALLY CORRECTED AREA OF INTEREST
• SYSTEME ET PROCEDE DE VISUALISATION A ZONE D'INTERET CORRIEGEE DE FACON DYNAMIQUE

(71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707, M.S. 13-08, Seattle, WA 98124-2207 (US).

(72) **AUGHEY, John, H.**; The Boeing Company, P.O. Box 516 - M/C S106-4625, St. Louis, MO 63166-0516 (US). **ENLOE, Christopher, W.**; The Boeing Company, P.O. Box 516 M/C S106-9329, St. Louis, MO 63166-0516 (US). **PAIK, Charles, C.**; 1232 Royal Dublin Lane, Dyer, IN 46311 (US). **ROHR, Michael, V.**; The Boeing Company, P.O. Box 516 M/C S106-4625, St. Louis, MO 63166-0516 (US). **STREID, Harold, R.**; 3595 E. Kings Hill Circle, Salt Lake City, UT 84121 (US).

(74) **GALBRAITH, Ann, K.**; The Boeing Company, P.O. Box 3707, M/C 13-08, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **G09B 23/00**

(11) **WO 02/41285** (13) A2

(21) PCT/US01/44245

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 09/715,432 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • MEDICAL SIMULATION APPARATUS AND RELATED METHOD
• APPAREIL MEDICAL DE SIMULATION ET PROCEDES APPARENTES

(71, 72) **LEVY, David** [US/US]; 4975 Ocean Boulevard, San Diego, CA 92109 (US).

(74) **REGAN, Christopher, F.** et al. / etc.; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 255 South Orange Avenue, Suite 1401, P.O. Box 3791, Orlando, FL 32802-3791 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09F 7/00, 15/00**

(11) **WO 02/41286** (13) A1

(21) PCT/AU01/01483

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) PR 1510 **15 Nov/nov 2000 (15.11.2000)** AU

(30) PR 3490 **2 Mar/mar 2001 (02.03.2001)** AU

(43) 23 May/mai 2002 (23.05.2002)

(54) • A SIGN
• PANNEAU D'AFFICHAGE

(71) **FX PRODUCTS PTY LTD** [AU/AU]; 29 Central Drive, Burleigh Junction, Queensland 4220 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAILO, Gwendoline, Doris** [AU/AU]; 8/26 Genoa Street, Surfers Paradise, Queensland 4217 (AU).

(74) **INTELLPRO**; Patent & Trade Mark Attorneys, Level 7, 102 Adelaide Street, (GPO Box 1339, Brisbane, QLD, 4001), Brisbane, Queensland 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09F 27/00**

(11) **WO 02/41287** (13) A2

(21) PCT/GB01/05048

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 0028187.3 **18 Nov/nov 2000 (18.11.2000)** GB

(43) 23 May/mai 2002 (23.05.2002)

(54) • DISPLAY SIGNS
• ECRITEAUX

(71) **TALKSIGN LIMITED** [GB/GB]; 37A College Road, Bromley, Kent BR1 3PU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEADMAN, Michael, Andrew** [GB/GB]; 64a High Street, Guilden Morden, Royston, Hertfordshire SG8 0JS (GB). **SAUNDERS, Michael, Anthony** [GB/GB]; 8 Scotts Avenue, Bromley, Kent BR2 0LQ (GB). **JOHN, David, Arthur, Vaughn** [GB/GB]; 27 Westcombe Park Road, Black Heath, London SE3 7RE (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G09G

- (11) **WO 02/41288** (13) A2
(21) PCT/EP01/13056
(22) **7 Nov/nov 2001 (07.11.2001)**
(25) en (26) en
(30) 00203992.3 **14 Nov/nov 2000 EP (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) **ROOSENDAAL, Sander, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **RAAP, Adrian, Y.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) CN 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 G09G

- (11) **WO 02/41289** (13) A2
(21) PCT/US01/43257
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,840 **17 Nov/nov 2000 US (17.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • SYSTEMS AND METHODS FOR REPRESENTING AND DISPLAYING GRAPHICS
• SYSTEMES ET PROCÉDES POUR REPRÉSENTER ET AFFICHER DES ÉLÉMENTS GRAPHIQUES
(71, 72) **POTTER, Scott, T.** [US/US]; 4 Overbrook Road, Norwalk, CT 06851 (US).
LEVINE, Murray [US/US]; 4363 Black Rock Turnpike, Fairfield, CT 06430 (US).
(74) **MCCABE, William, J.** 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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/20

- (11) **WO 02/41290** (13) A1
(21) PCT/US00/42162
(22) **15 Nov/nov 2000 (15.11.2000)**
(25) en (26) en
(30) 09/439,673 **15 Nov/nov 2000 US (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • METHOD AND APPARATUS FOR INCREASING THE RESOLUTION OF A NON-CRT VIDEO DISPLAY
• PROCÉDE ET DISPOSITIF PERMETTANT D'AUGMENTER LA RESOLUTION D'UN ÉCRAN VIDEO NON CATHODIQUE
(71) **PRINCETON GRAPHIC SYSTEMS INC.** [US/US]; 2801 S. Yale Street, Santa Ana, CA 92704 (US).
(71, 72) **DARWIN, Chang** [US/US]; 2801 S. Yale Street, Santa Ana, CA 92704 (US).
(74) **MARVIN, H., Kleinberg;** Kleinberg & Lerner, LLP, Suite 1080, 2049 Century Park East, Los Angeles, CA 90067 (US).
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G09G 3/28

- (11) **WO 02/41291** (13) A1
(21) PCT/EP01/12971
(22) **9 Nov/nov 2001 (09.11.2001)**
(25) en (26) en
(30) 00250390.2 **18 Nov/nov 2000 EP (18.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • METHOD AND APPARATUS FOR PROCESSING VIDEO PICTURES
• PROCÉDE ET APPAREIL PERMETTANT DE TRAITER DES IMAGES VIDEO
(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) **WEITBRUCH, Sébastien** [FR/DE]; Chabeuilstr. 7, 78087 Mönchweiler (DE).
CORREA, Carlos [PT/DE]; Lichtenberger Weg 4, 78056 Villingen-Schwenningen (DE).
ZWING, Rainer [DE/DE]; Bozener Str. 2, 78052 Villingen-Schwenningen (DE).
(74) **SCHÄFERJOHANN, Volker;** 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 BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MA MD MG MK MN MX NO NZ PH PL RO RU SG SI SK TJ TM TT UA US UZ VN YU ZA.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/28

- (11) **WO 02/41292** (13) A1
(21) PCT/FR01/03574
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) fr (26) fr
(30) 00/14600 **14 Nov/nov 2000 FR (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • CONTROL CIRCUIT DRIVE CIRCUIT FOR A PLASMA PANEL
• CIRCUIT DE COMMANDE D'UN ÉCRAN A PLASMA
(71) **STMICROELECTRONICS S.A.** [FR/FR]; 29, Boulevard Romain Rolland, F-92120 Montrouge (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MAS, Céline** [FR/FR]; 50, rue Alfred de Vigny, F-38100 Grenoble (FR).
TROUSSEL, Gilles [FR/FR]; 8, rue Jean Macé, F-38000 Grenoble (FR).
BENOIT, Eric [FR/FR]; Chemin du Mas, F-38950 Quaix en Chartreuse (FR).
(74) **DE BEAUMONT, Michel;** Cabinet Michel de Beaumont, 1, rue Champollion, F-38000 Grenoble (FR).
(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G09G 5/00

- (11) **WO 02/41293** (13) A1
(21) PCT/US01/43224
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) en (26) en
(30) 60/249,847 **17 Nov/nov 2000 US (17.11.2000)**
(30) 00/000,000 **15 Nov/nov 2001 US (15.11.2001)**
(43) 23 May/mai 2002 (23.05.2002)
(54) • METHOD FOR CONTROLLING A SCREEN DISPLAY
• PROCÉDE DE COMMANDE D'UNE PAGE D'ÉCRAN
(71) **HARVEST EVU, LLC** [US/US]; 26111 Antonio Parkway, Suite 300, Rancho Santa Margarita, CA 92688 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BAER, Dan** [US/US]; 11842 Percheron, Garden Grove, CA 92843 (US).
AMON, Thomas, C. [US/US]; 2401 North Fairmont, Santa Ana, CA 92706 (US).
(74) **STETINA BRUNDA GARRED & BRÜCKER;** 75 Enterprise, Suite 250, Aliso Viejo, CA 92656 (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

Published / Publiée : (c)

(51)⁷ **G09G 5/00, 5/08**

(11) **WO 02/41294** (13) A1

(21) PCT/US01/46564

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) en (26) en

(30) 60/248,935 **14 Nov/nov 2000** US
(14.11.2000)

(30) 09/847,086 **1 May/mai 2001** US
(01.05.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **FIXED CURSOR**
• **CURSEUR FIXE**

(71) **VEGA VISTA** [US/US]; Suite A, 1931 Old
Middlefield Way, Mountain View, CA 94043
(US).

(72) **FLACK, James, F.**; 13070 Alta Lane South,
Los Altos Hills, CA 94022 (US).

(74) **COLEMAN, Brian, R.**; Oppenheimer Wolff
& Donnelly, LLP, P.O. Box 10356, 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 ES FI GB GD GE GH GM
HR HU ID 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 TR TT TZ
UA UG UZ VN YU ZA ZW.

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

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(51)⁷ **G10G 3/00, G06F 17/00**

(11) **WO 02/41295** (13) A1

(21) PCT/AU01/01464

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) PR 1507 **17 Nov/nov 2000** AU
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **AN AUTOMATED MUSIC ARRANGER**
• **ARRANGEUR AUTOMATISE DE COM-**
POSITIONS MUSICALES

(71, 72) **MACK, Allan** [AU/AU]; "Rosewood",
P.O. Box 55, Williamstown, S.A. 5351 (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.

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

TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ **G10H 1/26, A61F 11/00**

(11) **WO 02/41296** (13) A1

(21) PCT/EP01/13083

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 00610115.8 **14 Nov/nov 2000** EP
(14.11.2000)

(30) 00610125.7 **1 Dec/déc 2000** EP
(01.12.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **BINAURAL HEARING SYSTEM AND**
METHOD IF SYNTHESIZING MUSIC
• **SYSTEME AUDITIF BINAURICU-**
LAIRE ET PROCEDE DE MUSIQUE
SYNTHETIQUE

(71) **TOPHOLM & WESTERMANN APS**
[DK/DK]; Ny Vestergaardsvej 25, DK-3500
Vaerloese (DK).

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

(72, 75) **LUDVIGSEN, Carl** [DK/DK];
Borghaven 19, DK-2500 Valby (DK).
THIEDE, Thilo, Volker [DE/DK]; Er-
melundsvej 67, Gentofte, DK-2820 (DK).

(74) **TOPHOLM & WESTERMANN APS**;
Ny Vestergaardsvej 25, DK-3500 Vaerloese
(DK).

(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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.

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

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(51)⁷ **G10K 15/02, G06F 17/60**

(11) **WO 02/41297** (13) A1

(21) PCT/JP00/08033

(22) **15 Nov/nov 2000 (15.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • **MUSIC DISTRIBUTION SYSTEM, MU-**
SIC INFORMATION DISTRIBUTING
METHOD, AND INFORMATION TER-
MINAL FOR MUSIC

• **SYSTEME DE DISTRIBUTION MUSI-**
CALE, PROCEDE DE DISTRIBUTION
D'INFORMATIONS MUSICALES, ET
TERMINAL D'INFORMATIONS DE-
DIÉ A LA MUSIQUE

(71) **VIDEO SYSTEM CO., LTD.** [JP/JP]; Ky-
oto Research Park, Science Center Building
#4, 7th Floor, 1, Chudoji Awata-cho, Shimo-
go-ku, Kyoto-shi, Kyoto 600-8815 (JP).

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

(72, 75) **FURUKAWA, Kouji** [JP/JP]; Video Sys-
tem Co., Ltd., Kyoto Research Park, Science
Center Building #4, 7th Floor, 1, Chudoji
Awata-cho, Shimogyo-ku, Kyoto-shi, Kyoto
600-8815 (JP).

(74) **SAIKYO, Keiichiro** et al. / etc.; Shik-
ishima Building, 2-6, Bingomachi 3-chome,
Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.

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

(51)⁷ **G10K 15/02, 15/04, G06F 17/60**

(11) **WO 02/41298** (13) A1

(21) PCT/JP00/08034

(22) **15 Nov/nov 2000 (15.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • **MUSIC SELLING SYSTEM AND MU-**
SIC SELLING METHOD
• **SYSTEME ET PROCEDE DE VENTE**
DE MUSIQUE

(71) **VIDEO SYSTEM CO., LTD.** [JP/JP]; Ky-
oto Research Park, Science Center Building
#4, 7th Floor, 1, Chudoji Awata-cho, Shimo-
go-ku, Kyoto-shi, Kyoto 600-8815 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **FURUKAWA, Kouji** [JP/JP]; Video Sys-
tem Co., Ltd., Kyoto Research Park, Science
Center Building #4, 7th Floor, 1, Chudoji
Awata-cho, Shimogyo-ku, Kyoto-shi, Kyoto
600-8815 (JP).

(74) **SAIKYO, Keiichiro** et al. / etc.; Shik-
ishima Building, 2-6, Bingomachi 3-chome,
Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.

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

(51)⁷ **G10K 15/02, G06F 17/60**

(11) **WO 02/41299** (13) A1

(21) PCT/JP00/08035

(22) **15 Nov/nov 2000 (15.11.2000)**

(25) ja (26) ja

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMMODITY ORDER ACCEPTING/PLACING SYSTEM AND COMMODITY SELLING METHOD

- SYSTEME DE PASSAGE/ACCEPTATION DE COMMANDE DE PRODUITS ET PROCEDE DE VENTE DE PRODUITS

(71) **VIDEO SYSTEM CO., LTD.** [JP/JP]; Kyoto Research Park, Science Center Building #4, 7th Floor, 1, Chudoji Awata-cho, Shimogyo-ku, Kyoto-shi, Kyoto 600-8815 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **FURUKAWA, Kouji** [JP/JP]; Video System Co., Ltd., Kyoto Research Park, Science Center Building #4, 7th Floor, 1, Chudoji Awata-cho, Shimogyo-ku, Kyoto-shi, Kyoto 600-8815 (JP).(74) **SAIKYO, Keiichiro** et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G10L 11/04**(11) **WO 02/41300** (13) A1

(21) PCT/SE01/02482

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) sv (26) en

(30) 0004221-8 **17 Nov/nov 2000 SE (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR SPEECH ANALYSIS

- PROCEDE ET DISPOSITIF POUR L'ANALYSE DE LA PAROLE

(71) **FORSKARPATENT I SYD AB** [SE/SE]; S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **CLAVBO, Börje** [SE/SE]; Torkel Tunnbindares gränd 8, S-239 35 Skanör (SE).(74) **AWAPATENT AB**; Box 11394, S-404 28 Göteborg (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility

model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G10L 19/00, H03M 7/30**(11) **WO 02/41301** (13) A1

(21) PCT/SE01/02510

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 0004163-2 **14 Nov/nov 2000 SE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • ENHANCING PERCEPTUAL PERFORMANCE OF HIGH FREQUENCY RECONSTRUCTION CODING METHODS BY ADAPTIVE FILTERING

- RENFORCEMENT DE LA PERFORMANCE DE PERCEPTION DE PROCEDES DE CODAGE DE RECONSTRUCTION HAUTE FREQUENCE PAR FILTRAGE ADAPTATIF

(71) **CODING TECHNOLOGIES SWEDEN AB** [SE/SE]; Döbelnsgatan 64, S-113 52 Stockholm (SE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **KJÖRLING, Kristofer** [SE/SE]; Lostigen 10, S-170 75 Solna (SE). **EKSTRAND, Per** [SE/SE]; Södermannagatan 45, S-116 40 Stockholm (SE). **HENN, Fredrik** [SE/SE]; Ritarvägen 14, S-168 31 Bromma (SE). **VILLEMOES, Lars** [SE/SE]; Mandolinvägen 22, S-175 56 Järfälla (SE).(74) **ÖRTENBLAD, Bertil** et al. / etc.; Noréns Patentbyrå AB, Box 10198, S-100 55 Stockholm (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G10L 19/00, H03M 7/30**(11) **WO 02/41302** (13) A1

(21) PCT/SE01/02533

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 0004187-1 **15 Nov/nov 2000 SE (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • ENHANCING THE PERFORMANCE OF CODING SYSTEMS THAT USE HIGH FREQUENCY RECONSTRUCTION METHODS

- AMELIORATION DES PERFORMANCES DE SYSTEMES DE CODAGE UTILISANT DES PROCEDES DE RECONSTRUCTION HAUTE FREQUENCE

(71) **CODING TECHNOLOGIES SWEDEN AB** [SE/SE]; Döbelnsgatan 64, S-113 52 STOCKHOLM (SE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **HENN, Fredrik** [SE/SE]; Ritarvägen 14, S-168 31 Bromma (SE). **EHRET, Andreas** [DE/DE]; Hochstrasse 27, 90429 Nürnberg (DE). **SCHUG, Michael** [DE/DE]; Tannustr. 63, 91056 Erlangen (DE).(74) **ÖRTENBLAD, Bertil** et al. / etc.; Noréns Patentbyrå AB, Box 10198, S-100 55 Stockholm (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G11B**(11) **WO 02/41303** (13) A2

(21) PCT/EP01/13045

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 00203998.0 **14 Nov/nov 2000 EP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • OPTICAL SCANNING DEVICE
• DISPOSITIF DE LECTURE 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) **HENDRIKS, Bernardus, H., W.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WALS, Jeroen** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) **VISSER, Derk**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G11B 7/007, 7/00**(11) **WO 02/41304** (13) A1

(21) PCT/DE01/04226

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) de (26) de

(30) 100 56 712.6 **15 Nov/nov 2000 DE (15.11.2000)**

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DISC-SHAPED OPTICAL DATA SUPPORT
• SUPPORT DE DONNEES OPTIQUE EN FORME DE DISQUE
- (71) IQ-DATA GMBH [DE/DE]; St. Jobser-Str. 52, 52146 Würselen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHOPPE, Karl-Heinz [DE/DE]; II. Rote Haag Weg 7d, 52076 Aachen (DE).
VAN DER WEL, Remco [MY/MY]; Endah Villa, Condominium 23-10-1, Jalan 2/149 b, Bandar Baru, Sri, Petraling 5700, Kuala Lumpur (MY).
- (74) BAUER, Dirk; Am Keilbusch 4, 52080 Aachen (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 G11B 7/007, 7/24, 7/085
- (11) WO 02/41305 (13) A1
- (21) PCT/JP01/09603
- (22) 1 Nov/nov 2001 (01.11.2001)
- (25) ja (26) ja
- (30) 2000-349890 16 Nov/nov 2000 JP (16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • OPTICAL RECORDING MEDIUM
• SUPPORT D'ENREGISTREMENT OPTIQUE
- (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) NAGATA, Masayoshi [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YUMITA, Motoyasu [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) TANABE, Shigemoto; Green-Fantasia Building 5th Floor, 11-11-508, Jingumae 1-chome, Shibuya-ku, Tokyo 150-0001 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ G11B 7/125, 7/0045
- (11) WO 02/41306 (13) A1
- (21) PCT/EP01/13159
- (22) 12 Nov/nov 2001 (12.11.2001)
- (25) en (26) en
- (30) 00204046.7 17 Nov/nov 2000 EP (17.11.2000)
- (30) 00125983.7 28 Nov/nov 2000 EP (28.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS, OPTICAL RECORDING APPARATUS USING SUCH METHODS AND OPTICAL RECORDING MEDIUM FOR USE BY THE METHODS AND THE APPARATUS
• PROCEDES, DISPOSITIF D'ENREGISTREMENT OPTIQUE UTILISANT CES PROCEDES ET SUPPORT D'ENREGISTREMENT OPTIQUE S'UTILISANT DANS CES PROCEDES ET LE DISPOSITIF
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) STEK, Aalbert; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SPRUIT, Johannes, H., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). XU, Cai, G.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DE PAS, Joris; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 G11B 7/135, G02B 5/18
- (11) WO 02/41307 (13) A1
- (21) PCT/EP01/13333
- (22) 15 Nov/nov 2001 (15.11.2001)
- (25) en (26) en
- (30) 00204020.2 15 Nov/nov 2000 EP (15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • OPTICAL HEAD
• TETE 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) HENDRIKS, Bernardus, H., W. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DE VRIES, Jorrit, E. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VISSER, Derk; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ G11B 7/135
- (11) WO 02/41308 (13) A2
- (21) PCT/JP01/09806
- (22) 9 Nov/nov 2001 (09.11.2001)
- (25) en (26) en
- (30) 2000-347132 14 Nov/nov 2000 JP (14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • OBJECTIVE LENS AND OPTICAL PICKUP APPARATUS
• LENTILLE D'OBJECTIF ET DISPOSITIF DE PRIVE DE VUE OPTIQUE
- (71) KONICA CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).
- (72) IKENAKA, Kiyono; Konica Corporation, 2970, Ishikawa-cho, Hachioji-shi, Tokyo 192-8505 (JP). HONDA, Koji; Konica Corporation, 2970, Ishikawa-cho, Hachioji-shi, Tokyo 192-8505 (JP).
- (81) AU BG BR CA HU ID IL IN LK MN MX NZ RU SG VN.
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- (51)⁷ G11B 7/135
- (11) WO 02/41309 (13) A1
- (21) PCT/KR01/01943
- (22) 14 Nov/nov 2001 (14.11.2001)
- (25) ko (26) en
- (30) 2000/67760 15 Nov/nov 2000 KR (15.11.2000)
- (30) 2001/9333 23 Feb/fév 2001 KR (23.02.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • OPTICAL PICKUP APPARATUS FOR READ-WRITE HEADS IN HIGH DENSITY OPTICAL STORAGE
• APPAREIL DE CAPTEUR OPTIQUE POUR TETES DE LECTURE ECRITURE DE DISPOSITIFS DE STOCKAGE OPTIQUES HAUTE DENSITE
- (71, 72) SONG, Tae-Sun [KR/KR]; 305-65, Kwangmyung-dong, Kwangmyung-city, Kyungki-do, 423-804 (KR).
- (74) YOUME PATENT AND LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c), (q1)

(51)⁷ **G11B 7/24, 23/00, G06K 7/00**(11) **WO 02/41310** (13) A2

(21) PCT/FR01/03578

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) fr (26) fr

(30) 00/14763 **16 Nov/nov 2000 FR (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CD-ROM WING AND READING AND TRANSPORTING DEVICE

• AILE CEDEROM ET DISPOSITIF DE LECTURE ET DE TRANSPORT

(71, 72) **SIMON, Philippe** [FR/FR]; 17, rue Fernand Pelloutier, F-92100 Boulogne (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G11B 7/24**(11) **WO 02/41311** (13) A1

(21) PCT/JP01/10124

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) ja (26) ja

(30) 2000-353288 **20 Nov/nov 2000 JP (20.11.2000)**(30) 2001-10716 **18 Jan/jan 2001 JP (18.01.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • OPTICAL RECORDING MEDIUM AND OPTICAL DISK DEVICE

• SUPPORT D'ENREGISTREMENT OPTIQUE ET DISPOSITIF DE DISQUES OPTIQUES

(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) **ICHIMURA, Isao** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **OSATO, Kiyoshi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **NAKANO, Jun** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **MASUHARA, Shin** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).(74) **SATOH, Takahisa**; SOHSHIN INTERNATIONAL PATENT OFFICE, 4F Miyaki Bldg., 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 111-0052 (JP).

(81) AU CA CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G11B 17/028, 17/035, 17/24**(11) **WO 02/41312** (13) A1

(21) PCT/JP01/09959

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-347189 **14 Nov/nov 2000 JP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DISK DRIVE

• LECTEUR DE DISQUE

(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) **MIZUNO, Hajime** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN US.

(51)⁷ **G11B 17/04, F16H 1/28, 55/12**(11) **WO 02/41313** (13) A1

(21) PCT/JP01/09958

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-353549 **20 Nov/nov 2000 JP (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DISK TRAY MOVING DEVICE AND DISK RECORDING AND/OR REPRODUCING DEVICE

• DISPOSITIF DE DEPLACEMENT DE PLATEAU A DISQUE ET ENREGISTREMENT DE DISQUE ET/OU DISPOSITIF DE LECTURE

(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) **MIZUNO, Hajime** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN JP US.

(51)⁷ **G11B 17/26**(11) **WO 02/41314** (13) A1

(21) PCT/JP01/09717

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) ja (26) ja

(30) 2000-350523 **17 Nov/nov 2000 JP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • RECORDING AND/OR REPRODUCING DEVICE FOR DISK

• DISPOSITIF D'ENREGISTREMENT ET/OU DE LECTURE DE DISQUE

(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) **SATO, Masahiro** [JP/JP]; c/o SOLECTRON JAPAN INC., 325, Aza Ganbara, Nakanida-machi, Kami-gun, Miyagi 981-4263 (JP). **NITTA, Ikuo** [JP/JP]; c/o SOLECTRON JAPAN INC., 325, Aza Ganbara, Nakanida-machi, Kami-gun, Miyagi 981-4263 (JP). **TAKAHASHI, Yuji** [JP/JP]; c/o SOLECTRON JAPAN INC., 325, Aza Ganbara, Nakanida-machi, Kami-gun, Miyagi 981-4263 (JP).(74) **SHIGA, Fujiya**; c/o Shiga Patent Office, Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G11B 19/12, 7/00**(11) **WO 02/41315** (13) A1

(21) PCT/EP01/12775

(22) **5 Nov/nov 2001 (05.11.2001)**

(25) en (26) en

(30) 00250383.7 **17 Nov/nov 2000 EP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR DETERMINING MAIN PARAMETER VALUES OF A STORAGE MEDIUM THAT ARE REQUIRED FOR REPLAYING SAID STORAGE MEDIUM

• PROCEDE ET APPAREIL POUR DETERMINER LES PRINCIPALES VALEURS DE PARAMETRES D'UN MILIEU DE STOCKAGE QUI SONT REQUISES POUR RELIRE LEDIT MILIEU DE STOCKAGE

(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) **WINTER, Marco** [DE/DE]; Böhmerstr. 17, 30173 Hannover (DE).(74) **HARTNACK, Wolfgang**; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TT UA US UZ VN YU ZA.

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

Published / Publiée : (c), (q1)

(51)⁷ **G11B 20/00, 20/14**(11) **WO 02/41316** (13) A1

(21) PCT/EP01/13157

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

- (30) 00203980.8 **14 Nov/nov 2000** EP
(14.11.2000)
- (30) 01203247.0 **28 Aug/août 2001** EP
(28.08.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • RECORD CARRIER WITH WATER-MARK
• SUPPORT D'ENREGISTREMENT A FILIGRANE
- (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) **YNTEMA, Gertjan** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
WERNER, Antonius, J., J. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
KRAMER, Engelbertus, P., G., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41317** (13) A1
- (21) PCT/JP00/08111
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF CREATING SECURITY MEDIUM, DEVICE FOR CREATING SECURITY MEDIUM, AND REPRODUCING DEVICE
• PROCEDE DE REALISATION D'UN SUPPORT SUR, DISPOSITIF A CET EFFET ET DISPOSITIF DE REPRODUCTION
- (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) **OZAKI, Koji** [JP/JP]; c/o Fujitsu Peripherals Limited, 35 Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP).
- (74) **ITOH, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
IE IT LU MC NL PT SE).
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- (51)⁷ **G11B 21/21**
- (11) **WO 02/41318** (13) A1
- (21) PCT/JP00/08135
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • HEAD SLIDER, DISK DEVICE COMPRISING THE SAME, AND METHOD OF WATER REPELLENT FINISHING OF THE HEAD SLIDER
• PATIN DE TETE, UNITE DE DISQUE POURVUE DE CE PATIN, ET PROCEDE DE FINITION HYDROFUGE DE DU PATIN
- (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) **KAMEYAMA, Masaki** [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
NAKATA, Chiharu [JP/JP]; c/o Yamagata Fujitsu Limited, 5400-2, Aza-omori, Moto-higashine, Oaza-higashine, Higashine-shi, Yamagata 999-3701 (JP).
- (74) **ISHIDA, Takashi** et al. / etc.; A. Aoki, Ishida & Associates, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) JP US.
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- (51)⁷ **G11B 27/00**
- (11) **WO 02/41319** (13) A2
- (21) PCT/US01/44663
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 09/705,334 **2 Nov/nov 2000** US
(02.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DIGITAL MEDIA FORMAT
• FORMAT DE SUPPORTS NUMERIQUES
- (71, 72) **HANCOCK, John** [US/US]; Van Nuys, CA (US).
- (74) **HODDER, Douglas, G.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (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 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 TR TT TZ UA UG US VZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 27/034, G09B 15/00**
- (11) **WO 02/41320** (13) A1
- (21) PCT/KR00/01327
- (22) **18 Nov/nov 2000 (18.11.2000)**
- (25) ko (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MUSICAL LEARNING SYSTEM
• SYSTÈME D'APPRENTISSAGE MUSICAL
- (71) **MUSICDPN** [KR/KR]; 3th Floor, Woojeong bldg., Woomyeon-dong, 13-8, Seoul-si 137-900 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Tae-Kiun** [KR/KR]; 453-9, Dogok-dong, Kangnam-ku, Seoul-si 135-270 (KR).
- (74) **YIM, Suk-Jae** et al. / etc.; 823-1, Poonglim bldg., Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G11C 11/16**
- (11) **WO 02/41321** (13) A1
- (21) PCT/DE01/03690
- (22) **26 Sep/sep 2001 (26.09.2001)**
- (25) de (26) de
- (30) 100 56 830.0 **16 Nov/nov 2000** DE
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • INTEGRATED MAGNETORESISTIVE SEMICONDUCTOR MEMORY SYSTEM
• ENSEMBLE MEMOIRE A SEMICONDUCTEURS MAGNETORESISTIVE INTEGREE
- (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) **BOEHM, Thomas** [DE/DE]; Herzog-Heinrich-Weg 5, 85604 Zorneding (DE).
ROEHR, Thomas [DE/DE]; Gaussring 8, 85609 Aschheim (DE).
HOENIGSCHMID, Heinz [DE/US]; 819 Jefferson Boulevard, East Fishkill, NY 12524 (US).
- (74) **KOTTMANN, Dieter**; Müller & Hoffmann, Innere Wiener Strasse 17, 81667 München (DE).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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(51)⁷ G11C 16/16, 16/34

(11) WO 02/41322 (13) A1

(21) PCT/FR01/03560

(22) 14 Nov/nov 2001 (14.11.2001)

(25) fr (26) fr

(30) 00/14743 15 Nov/nov 2000 FR
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • PAGE-ERASABLE FLASH MEMORY
• MEMOIRE FLASH EFFACABLE PAR
PAGE(71) STMICROELECTRONICS [FR/FR]; 29,
Boulevard Romain Rolland, F-92120 Mon-
trouge (FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CAVALERI, Paola [IT/FR]; La Pinède
2, Quartier Tartanne, F-13790 Rousset (FR).
LECONTE, Bruno [FR/FR]; 14, lotissement
Cambarnard, F-13790 Rousset (FR). ZINK,
Sébastien [FR/FR]; 5, rue de l'Espagnade,
F-13090 Aix en Provence (FR). DEVIN,
Jean [FR/FR]; 6, Domaine de Cap de Ville,
F-13100 le Tholonet (FR).(74) MARCHAND, André; Omnipat, 24, place
des Martyrs de la Résistance, F-13100 Aix en
Provence (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).(51)⁷ G11C 17/18, 7/10

(11) WO 02/41323 (13) A2

(21) PCT/EP01/13267

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 100 56 950.5 15 Nov/nov 2000 DE
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CIRCUIT ARRANGEMENT
• ENSEMBLE CIRCUIT(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(only for / seulement pour AT BE CH CY DK
ES FI FR GB GR IE IT JP LU MC NL PT SE
TR)(71) PHILIPS CORPORATE INTELLEC-
TUAL PROPERTY GMBH [DE/DE];
Habsburgerallee 11, 52066 Aachen (DE).
(only for / seulement pour DE)(72, 75) MUELLER, Detlef [DE/NL]; Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).(74) PETERS, Carl, H.; Internationaal Oc-
trooibureau B.V., Prof Holstlaan 6, NL-5656
AA Eindhoven (NL).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).(51)⁷ G21K 1/06

(11) WO 02/41324 (13) A1

(21) PCT/GB01/04998

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 0027759.0 14 Nov/nov 2000 GB
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • X-RAY GENERATOR
• GENERATEUR DE RAYONS X(71) UNIVERSITY OF LEICESTER [GB/GB];
University Road, Leicester, Leicestershire
LE1 7RH (GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FRASER, George, William [GB/GB];
50 Broadway Road, Leicester, Leicestershire
LE1 1YH (GB). BRUNTON, Adam, North
[GB/GB]; 34b St James Road, Leicester, Le-
icestershire LE1 7RH (GB).(74) MCNEIGHT, David, Leslie et al. / etc.; Mc-
Neight & Lawrence, Regent House, Heaton
Lane, Stockport, Cheshire SK4 1BS (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 NO NZ PH PL PT RO RU
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ H01B 3/00, 3/18, 3/44, 7/00, C08L 81/00,
81/04, C08G 75/00, 75/14, C08K 3/00, 3/20,
B29C 71/04, C08K 3/22

(11) WO 02/41325 (13) A1

(21) PCT/US01/43899

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,453 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ABRASION-RESISTANT POLYTE-
TRAFLUOROETHYLENE TAPE
• BANDES DE POLYTETRAFLUOROETHYLENE
RESISTANTES A L'ABRA-
SION(71) PLASTOMER PRODUCTS DIVISION
[US/US]; 23 Friends Lane, Newton, PA
18940 (US).(72) SARKIS, Paul, E.; 457 Marion Court, Hol-
land, PA 18966 (US). DELGADO, David; 15
Tempo Road, Levittown, PA 19056 (US).(74) NEWMAN, Richard, H.; Cummings &
Lockwood, 700 State Street, New Haven, CT
06509 (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 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 TR TT TZ UA
UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 3/12, 3/12, H01P 7/10

(11) WO 02/41326 (13) A1

(21) PCT/JP01/01651

(22) 2 Mar/mar 2001 (02.03.2001)

(25) ja (26) ja

(30) 2000-352996 20 Nov/nov 2000 JP
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MICROWAVE DIELECTRIC PORCE-
LAIN COMPOSITION AND DIELEC-
TRIC RESONATOR
• COMPOSITION DE PORCELAINE DIE-
LECTRIQUE A MICRO-ONDES ET RE-
SONATEUR DIELECTRIQUE(71) NGK SPARK PLUG CO., LTD.
[JP/JP]; 14-18, Takatsuji-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-0872 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MIZUI, Toshihiro [JP/JP]; NGK
Spark Plug Co., Ltd., 14-18, Takatsuji-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-0872
(JP). ITAKURA, Kazuhisa [JP/JP]; NGK
Spark Plug Co., Ltd., 14-18, Takatsuji-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-0872
(JP). TARUTANI, Takuya [JP/JP]; NGK
Spark Plug Co., Ltd., 14-18, Takatsuji-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-0872
(JP).(74) KOJIMA, Seiji; Atsuta Daidoseimei-Build-
ing 2F, 7-26, Jingu 3-chome, Atsuta-ku,
Nagoya-shi, Aichi 456-0031 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).(51)⁷ H01B 7/08

(11) WO 02/41327 (13) A1

(21) PCT/EP01/13149

(22) 14 Nov/nov 2001 (14.11.2001)

(25) de (26) de

(30) 100 57 458.0 20 Nov/nov 2000 DE
(20.11.2000)(30) 101 03 367.2 25 Jan/jan 2001 DE
(25.01.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR PRODUCING FLAT CA-
BLES

- PROCEDE POUR FABRIQUER DES CABLES PLATS
- (71) **REIFENHÄUSER GMBH & CO. MASCHINENFABRIK** [DE/DE]; Spicher Strasse 46-48, 53839 Troisdorf (DE). **GEBAUER & GRILLER KABELWERKE GESMBH** [AT/AT]; Laaerstrasse 145, A-2170 Poysdorf (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRÖSCHL, Karl** [AT/AT]; Liechtenstein Siedlung 5, A-2171 Herrnbaumgarten (AT). **BENNERSCHIEDT, Frank** [DE/DE]; Küsergarten 28, 53773 Hennef (DE). **HALTER, Hartmut** [DE/DE]; Rubensstrasse 129, 53844 Troisdorf (DE).
- (74) **MÜLLER-GERBES, Margot**; Friedrich-Breuer-Strasse 112, 53225 Bonn (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ H01B 9/00

- (11) **WO 02/41328** (13) A1
- (21) PCT/GB01/04655
- (22) **17 Oct/oct 2001 (17.10.2001)**
- (25) en (26) en
- (30) 0028220.2 **18 Nov/nov 2000 (18.11.2000)** GB
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMPROVED DOWNHOLE CABLE
 - CABLE DE FOND AMELIORE
- (71) **EXPRO NORTH SEA LIMITED** [GB/GB]; Lion House, Dyce Avenue, Dyce, Aberdeen AB21 0LQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RICHARDS, Andrew** [GB/GB]; Powlair Cottage, Finzean, Banchory, Aberdeenshire AB31 6PH (GB).
- (74) **MCCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (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 MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01C 10/30

- (11) **WO 02/41329** (13) A2
- (21) PCT/DE01/04364
- (22) **17 Nov/nov 2001 (17.11.2001)**
- (25) de (26) de
- (30) 100 58 581.7 **18 Nov/nov 2000 (18.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)

- (54) • ELECTRIC RESISTANCE ELEMENT, WHICH CAN BE ELECTROMECHANICALLY REGULATED
 - ELEMENT DE RESISTANCE ELECTRIQUE A REGULATION ELECTROMECANIQUE
- (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) **MEYER, Carl-Friedrich** [DE/DE]; Ebereschenweg 37, 01328 Dresden (DE). **SCHEIBE, Hans-Joachim** [DE/DE]; Goetheallee 14a, 01309 Dresden (DE).
- (74) **PFENNING, MEINIG & PARTNER GBR**; Gostritzer Str. 61-63, 01217 Dresden (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01F 7/02

- (11) **WO 02/41330** (13) A1
- (21) PCT/EP01/12125
- (22) **19 Oct/oct 2001 (19.10.2001)**
- (25) de (26) de
- (30) 100 57 172.7 **16 Nov/nov 2000 (16.11.2000)** DE
- (30) 101 49 846.2 **10 Oct/oct 2001 (10.10.2001)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MAGNETIZABLE OR MAGNETIZED BODY AND METHOD FOR PRODUCING THE SAME
 - CORPS MAGNETISABLES OU MAGNETISES ET LEUR PROCEDE DE PRODUCTION
- (71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestrasse 7, 60488 Frankfurt/Main (DE). **SENSITEC GMBH** [DE/DE]; Im Amtmann 6, 35578 Wetzlar (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOHBERG, Peter** [DE/DE]; Am Ringelsberg 7, 61381 Friedrichsdorf (DE). **RINK, Klaus** [DE/DE]; Hauptstrasse 32, 63517 Rodenbach (DE). **BURGDORF, Christian** [DE/DE]; Untergasse 9, 63075 Offenbach (DE). **LOREIT, Uwe** [DE/DE]; Im Amtmann 6, 35578 Wetzlar (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ H01F 7/06

- (11) **WO 02/41331** (13) A1
- (21) PCT/EP01/13175
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) de (26) de
- (30) 100 56 332.5 **14 Nov/nov 2000 (14.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)

- (54) • ACTUATOR THAT FUNCTIONS BY MEANS OF A MOVABLE COIL ARRANGEMENT
 - ACTIONNEUR FONCTIONNANT AU MOYEN D'UN ENSEMBLE BOBINE MOBILE
- (71) **ELEKTRISCHE AUTOMATISIERUNGS- UND ANTRIEBSTECHNIK EAAT GMBH CHEMNITZ** [DE/DE]; Annaberger Strasse 231, 09120 Chemnitz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **RAUSCH, Hartmuth** [DE/DE]; Rheydter Strasse 215, 41352 Korschenbroich (DE).
- (72, 75) **BUDIG, Peter-Klaus** [DE/DE]; Steinbergsiedlung 4, 09122 Chemnitz (DE). **WERNER, Ralf** [DE/DE]; Am Kalkwiesenteich 23, 09117 Chemnitz (DE).
- (74) **MÜLLER, Karl-Ernst** et al. / etc.; Turmstrasse 22, 40878 Ratingen (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01F 7/06

- (11) **WO 02/41332** (13) A1
- (21) PCT/EP01/13200
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) de (26) de
- (30) 100 56 332.5 **14 Nov/nov 2000 (14.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ACTUATOR FOR A FLUID VALVE
 - ACTIONNEUR POUR SOUPEPE HYDRAULIQUE
- (71) **PARKER HANNIFIN GMBH** [DE/DE]; Am Metallwerk 9, 33659 Bielefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAUSCH, Hartmuth** [DE/DE]; Rheydter Strasse 215, 41352 Korschenbroich (DE). **BUDIG, Peter-Klaus** [DE/DE]; Steinbergsiedlung 4, 09122 Chemnitz (DE). **WERNER, Ralf** [DE/DE]; Am Kalkwiesenteich 23, 09117 Chemnitz (DE).
- (74) **MÜLLER, Karl-Ernst** et al. / etc.; Turmstrasse 22, 40878 Ratingen (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H01F 7/16

- (11) **WO 02/41333** (13) A1
- (21) PCT/JP00/08021
- (22) **14 Nov/nov 2000 (14.11.2000)**

- (25) ja (26) ja
(43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTROMAGNETIC OPERATING DEVICE
• DISPOSITIF A FONCTIONNEMENT ELECTROMAGNETIQUE
- (71) YUKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1, Miyamae, Fujisawa-shi, Kanagawa 251-8525 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAGANO, Taku [JP/JP]; 4-451, Hayashi, Yokosuka-shi, Kanagawa 238-0315 (JP). OHBA, Koichi [JP/JP]; 2-271-153, Urakamidai, Yokosuka-shi, Kanagawa 239-0815 (JP). SHINGU, Yasuyuki [JP/JP]; 1-31-7, Urakamidai, Yokosuka-shi, Kanagawa 239-0815 (JP). HIRANO, Kenichi [JP/JP]; 116-6, Fukaya, Ayase-shi, Kanagawa 252-1103 (JP).
- (74) SATO, Masatoshi et al. / etc.; Sanwa International Patent Office, Shuwa daini Toranomon Building, 21-19, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H01F 13/00
(11) WO 02/41334 (13) A1
(21) PCT/GB01/05052
(22) 14 Nov/nov 2001 (14.11.2001)
(25) en (26) en
(30) 0027925.7 15 Nov/nov 2000 GB (15.11.2000)
(30) 0122032.6 12 Sep/sep 2001 GB (12.09.2001)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • A METHOD OF AND AN APPARATUS FOR MAGNETISING A PLURALITY OF ADJACENT PORTIONS OF MAGNETISABLE MATERIAL
• PROCEDE ET APPAREIL DE MAGNETISATION D'UNE PLURALITE DE PARTIES ADJACENTES EN MATERIAU MAGNETISABLE
- (71) HIRST MAGNETIC INSTRUMENTS LIMITED [GB/GB]; Tesla House, Tregonigie, Falmouth, Cornwall TR11 4SN (GB). NEWAGE INTERNATIONAL LIMITED [GB/GB]; P.O. Box 17, Barnack Road, Stamford, Lincolnshire PE9 2NB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUDDING, John [GB/GB]; Tesla House, Tregonigie, Falmouth, Cornwall TR11 4SN (GB). CORNELIUS, Robin, Nathan [GB/GB]; 22 Halt Road, St. Newlyn East, Newquay, Cornwall TR8 5LL (GB).
- (74) EVERITT, Christopher, James, Wilders et al. / etc.; fJ Cleveland, 40-43 Chancery Lane, London WC2A 1JQ (GB).
- (81) CN JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H01F 17/00, H01L 23/64
(11) WO 02/41335 (13) A2
(21) PCT/US01/43362
- (22) 16 Nov/nov 2001 (16.11.2001)
(25) en (26) en
(30) 09/715,454 17 Nov/nov 2000 US (17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • HIGH QUALITY PRINTED INDUCTOR ON A PACKAGE
• INDUCTEUR IMPRIME DE GRANDE QUALITE SUR UN BOITIER
- (71) CONEXANT SYSTEMS, INC. [US/US]; 4311 Jamboree Road, E08-801, Newport Beach, CA 92660 (US).
- (72) MEGAHED, Mohamed, A.; 9841 La Tortola Court, San Diego, CA 92129 (US). HASHEMI, Hassan, S.; 30636 Mirandela Lane, Laguna Niguel, CA 92677-5507 (US).
- (74) SKALE, Andrew, D.; Brobeck, Phleger & Harrison LLP, 12390 El Camino Real, San Diego, CA 92130 (US).
- (81) CN JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H01F 27/02
(11) WO 02/41336 (13) A1
(21) PCT/NO01/00453
(22) 14 Nov/nov 2001 (14.11.2001)
(25) en (26) en
(30) 20005753 14 Nov/nov 2000 NO (14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • A SYSTEM FOR DISTRIBUTION OF ELECTRIC POWER
• SYSTEME DE DISTRIBUTION D'ENERGIE ELECTRIQUE
- (71) ABB OFFSHORE SYSTEMS AS [NO/NO]; P.O. Box 81, N-1375 Billingstad (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAFSKJOLD, Gunnar [NO/NO]; Rødhetveien 5, N-3042 Drammen (NO). SÖLVIK, Nils, Arne [NO/NO]; Elgfaret 35, N-1415 Oppgård (NO).
- (74) OSLO PATENTKONTOR AS; P.O. Box 7007 M, N-0306 Oslo (NO).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01F 27/02, 27/08, 27/10
(11) WO 02/41337 (13) A1
(21) PCT/US01/47139
(22) 6 Nov/nov 2001 (06.11.2001)
(25) en (26) en
(30) 09/715,784 16 Nov/nov 2000 US (16.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • POWER TRANSFORMER INCORPORATING IMPROVED HEAT DISSIPATION MEANS
• TRANSFORMATEUR DE PUISSANCE COMPRENANT DES MOYENS AMELIORES DE DISSIPATION CALORIFIQUE
- (71, 72) MARTON, Louis, L. [US/US]; 1327 Berkeley Street, No. 2, Santa Monica, CA 90404-2529 (US).
- (74) CISLO, Donald, M.; Cislo & Thomas LLP, Suite 900, 233 Wilshire Boulevard, Santa Monica, CA 90401-1211 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 H01F 27/255, 17/04
(11) WO 02/41338 (13) A1
(21) PCT/DE01/03876
(22) 10 Oct/oct 2001 (10.10.2001)
(25) de (26) de
(30) 100 56 945.5 17 Nov/nov 2000 DE (17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
- (54) • FERRITE CORE WITH A NOVEL CONSTRUCTION
• TORE DE FERRITE DE CONSTRUCTION NOUVELLE
- (71) EPCOS AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEUCHE, Helko [DE/DE]; Benediktenwandstr. 16, 81545 München (DE). ESGUERRA, Mauricio [CO/DE]; Römering 1, 82024 Taufkirchen (DE).
- (74) EPPING HERMANN & FISCHER; Riederstrasse 55, 80339 München (DE).
- (81) CN HU IL IN JP KR MX PL US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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(11) WO 02/41339 (13) A2
(21) PCT/DE01/04248
(22) 13 Nov/nov 2001 (13.11.2001)

- (25) de (26) de
- (30) 100 56 295.7 **14 Nov/nov 2000** DE
(**14.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR PRODUCING FERROELECTRIC CAPACITORS AND INTEGRATED FERROELECTRIC SEMICONDUCTOR MEMORY ARRANGEMENT
- PROCEDE DE REALISATION DE CONDENSATEURS FERROELECTRIQUES ET SYSTEME DE MEMOIRE A SEMI-CONDUCTEUR FERROELECTRIQUE INTEGRE
- (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) **GABRIC, Zvonimir** [HR/DE]; Herzog-Rudolf Weg 25, 85604 Zorneding (DE). **HARTNER, Walter** [DE/US]; 10711 Toston Lane, Glen Allen, VA 23060 (US). **KROENKE, Matthias** [DE/DE]; Nordstr. 20, 01099 Dresden (DE). **SCHINDLER, Guenther** [DE/DE]; Ungererstr. 19, 80802 München (DE).
- (74) **KOTTMANN, Dieter**; Müller Hoffmann & Partner, Innere Wiener Strasse 17, 81667 München (DE).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01G**
- (11) **WO 02/41340** (13) A2
- (21) PCT/DE01/04309
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 56 474.7 **15 Nov/nov 2000** DE
(**15.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • HOUSING, HOUSING SYSTEM, ELECTROLYTIC CAPACITOR COMPRISING SAID HOUSING, AND ELECTROLYTIC CAPACITOR SYSTEM
- BOITIER, ENSEMBLE BOITIER, CONDENSATEUR A ELECTROLYTE PRESENTANT LEDIT BOITIER ET ENSEMBLE POUR CONDENSATEUR A ELECTROLYTE
- (71) **EPCOS AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FISCHER, Edmund** [DE/DE]; Raiffeisenstr. 11, 89358 Behlingen (DE). **HEBEL, Rainer** [DE/DE]; Stuttgarter Ring 47, 89522 Heidenheim (DE). **KOPP, Thomas** [DE/DE]; Erlenweg 14, 89551 Königsbronn (DE). **SCHWEIKERT, Wilhelm** [DE/DE]; Kistelbergstr. 33, 89522 Heidenheim (DE).
- (74) **EPPING HERMANN & FISCHER**; Riederstrasse 55, 80339 München (DE).
- (81) BR CN US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01G**
- (11) **WO 02/41341** (13) A2
- (21) PCT/FR01/03546
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) fr (26) fr
- (30) 00/14884 **17 Nov/nov 2000** FR
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • VARIABLE CAPACITANCE VOLTAGE-CONTROLLABLE BY USE OF COULOMB BARRIER PHENOMENON
- CAPACITE VARIABLE COMMANDABLE EN TENSION PAR UTILISATION DU PHENOMENE DE "BLOCCAGE DE COULOMB"
- (71) **THALES** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRIEDERICH, Alain** [FR/FR]; THALES Intellectual Property, 13, avenue Président Salvador Allende, F-94117 Arcueil Cedex (FR). **NGUYEN VAN DAU, Frédéric** [FR/FR]; THALES Intellectual Property, 13, avenue Président Salvador Allende, F-94117 Arcueil (FR). **FERT, Albert** [FR/FR]; THALES Intellectual Property, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **JAFFRES, Henri** [FR/FR]; THALES Intellectual Property, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **CHAUVERNEFF, Vladimir** et al. / etc.; THALES Intellectual Property, 13, avenue Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(t) for the following designations / pour les désignations suivantes : JP KR EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
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- (51)⁷ **H01G 2/00**
- (11) **WO 02/41342** (13) A2
- (21) PCT/EP01/13144
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 00204101.0 **20 Nov/nov 2000** EP
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DISPLAY DEVICE AND CATHODE RAY TUBE
- DISPOSITIF D'AFFICHAGE ET TUBE CATHODIQUE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **HULSHOF, Jozef, J., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GEHRING, Frederik, C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **RAAP, Adriaan, Y.**; Internationaal Octroibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
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- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01G 4/20, H01B 3/00**
- (11) **WO 02/41343** (13) A1
- (21) PCT/JP01/10055
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-349784 **16 Nov/nov 2000** JP
(**16.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRONIC COMPONENT-USE SUBSTRATE AND ELECTRONIC COMPONENT
- SUBSTRAT POUR COMPOSANT ELECTRONIQUE ET COMPOSANT ELECTRONIQUE
- (71) **TDK CORPORATION** [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAYA, Minoru** [JP/JP]; c/o TDK CORPORATION, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). **ENDO, Toshikazu** [JP/JP]; c/o TDK CORPORATION, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).
- (74) **ISHII, Yoichi**; Tenjin Iyasaka Kosan Bldg. 3F, 23-1, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).
- (81) CA CN US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01G 9/00**
- (11) **WO 02/41344** (13) A1
- (21) PCT/DE01/04351
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) de (26) de
- (30) 100 57 488.2 **20 Nov/nov 2000** DE
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CAPACITOR
- CONDENSATEUR
- (71) **EPCOS AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAIER, Jörg** [DE/DE]; Semmelweisweg 1, 89518 Heidenheim (DE). **KECK, Hans-Georg** [DE/DE]; Am Hahnenschnabel 15, 89520 Heidenheim (DE).
- (74) **EPPING HERMANN & FISCHER**; Riederstrasse 55, 80339 München (DE).
- (81) AU BR CA CN CZ HU IL JP KR MX NO RU UA US.
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- (51)⁷ **H01H 73/04, 77/10**
- (11) **WO 02/41345** (13) A1
- (21) PCT/EP01/12702
- (22) **2 Nov/nov 2001 (02.11.2001)**

- (25) de (26) de
- (30) 100 56 821.1 **16 Nov/nov 2000** DE
(**16.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CONTACT ARRANGEMENT FOR CURRENT-LIMITING PROTECTIVE CIRCUIT BREAKERS
• SYSTEME DE CONTACT POUR DISJONCTEURS LIMITEURS DE COURANT
- (71) **MOELLER GMBH** [DE/DE]; Hein-Moeller-Str. 7-11, 53115 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEINS, Volker** [DE/DE]; Am Reuterpfad 17, 53359 Rheinbach (DE). **BÖDER, Franz** [DE/DE]; Ermlandstr. 7, 53506 Ahrbrück (DE). **DEDENBACH, Guido** [DE/DE]; Hofstr. 7, 53175 Bonn (DE).
- (74) **MOELLER GMBH**; Hein-Moeller-Str. 7-11, 53115 Bonn (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01H 73/04, 77/10**
- (11) **WO 02/41346** (13) A1
- (21) PCT/EP01/12704
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) de (26) de
- (30) 100 56 816.5 **16 Nov/nov 2000** DE
(**16.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CONTACT ARRANGEMENT FOR CURRENT-LIMITING PROTECTIVE CIRCUIT BREAKERS
• SYSTEME DE CONTACT POUR DISJONCTEURS LIMITEURS DE COURANT
- (71) **MOELLER GMBH** [DE/DE]; Hein-Moeller-Str. 7-11, 53115 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BÖDER, Franz** [DE/DE]; Ermlandstr. 7, 53506 Ahrbrück (DE). **HEINS, Volker** [DE/DE]; Am Reuterpfad 17, 53359 Rheinbach (DE). **DEDENBACH, Guido** [DE/DE]; Hofstr. 7, 53175 Bonn (DE).
- (74) **MOELLER GMBH**; Hein-Moeller-Str. 7-11, 53115 Bonn (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c), (q1)
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- (51)⁷ **H01H 73/04, 77/10**
- (11) **WO 02/41347** (13) A1
- (21) PCT/EP01/12705
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) de (26) de
- (30) 100 56 818.1 **16 Nov/nov 2000** DE
(**16.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CONTACT ARRANGEMENT FOR CURRENT-LIMITING PROTECTIVE CIRCUIT BREAKERS
• SYSTEME DE CONTACT POUR DISJONCTEURS LIMITEURS DE COURANT
- (71) **MOELLER GMBH** [DE/DE]; Hein-Moeller-Str. 7-11, 53115 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BÖDER, Franz** [DE/DE]; Ermlandstr. 7, 53506 Ahrbrück (DE). **HEINS, Volker** [DE/DE]; Am Reuterpfad 17, 53359 Rheinbach (DE). **DEDENBACH, Guido** [DE/DE]; Hofstr. 7, 53175 Bonn (DE).
- (74) **MOELLER GMBH**; Hein-Moeller-Str. 7-11, 53115 Bonn (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01J 1/304, 9/02**
- (11) **WO 02/41348** (13) A1
- (21) PCT/JP01/10094
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) ja (26) ja
- (30) 2000-352983 **20 Nov/nov 2000** JP
(**20.11.2000**)
- (30) 2000-362396 **29 Nov/nov 2000** JP
(**29.11.2000**)
- (30) 2000-386669 **20 Dec/déc 2000** JP
(**20.12.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CNT FILM AND FIELD-EMISSION COLD CATHODE COMPRISING THE SAME
• FILM CNT ET CATHODE FROIDE A EMISSION DE CHAMP COMPORTANT CE FILM
- (71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKAMOTO, Akihiko** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **KONUMA, Kazuo** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **TOMIHARI, Yoshinori** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **ITO, Fuminori** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **OKADA, Yuko** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
- (74) **INAGAKI, Kiyoshi** et al. / etc.; c/o FUSOH PATENT FIRM, Rindo Building 5F, 37, kanda-Higashimatsushita-cho, Chiyoda-ku, Tokyo 101-0042 (JP).
- (81) KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01J 1/34, 40/06**
- (11) **WO 02/41349** (13) A1
- (21) PCT/JP01/09989
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) ja (26) ja
- (30) 2000-348376 **15 Nov/nov 2000** JP
(**15.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SEMICONDUCTOR PHOTOCATHODE
• PHOTOCATHODE A SEMI-CONDUCTEURS
- (71) **HAMAMATSU PHOTONICS K.K.** [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAN, Hirofumi** [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). **NIIGAKI, Minoru** [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). **OHTA, Masashi** [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). **TAKAGI, Yasufumi** [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). **UCHIYAMA, Shoichi** [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
- (74) **HASEGAWA, Yoshiki** et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **H01J 5/50, 5/48, 5/40, H01K 3/08, H01J 61/36, 9/36**
- (11) **WO 02/41350** (13) A1
- (21) PCT/EP01/13098
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 00204054.1 **17 Nov/nov 2000** EP
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRIC LAMP AND SHAPED METAL BODY FOR USE THEREIN
• LAMPE ELECTRIQUE ET CORPS DE METAL MIS EN FORME POUR ETRE UTILISE AVEC CETTE DERNIERE
- (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 DULMEN, Hendrikus, A., M.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GEBOERS, Jacques, M.,**

- J. [BE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **ROLFES, Johannes, G., A.**; INTERNATIONAAL OCTROOIBUREAU B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01J 17/00**
- (11) **WO 02/41351** (13) A2
- (21) PCT/US01/43068
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 60/248,005 **14 Nov/nov 2000 (14.11.2000)** US
- (30) 09/976,276 **15 Oct/oct 2001 (15.10.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF FABRICATING CAPILLARY DISCHARGE PLASMA DISPLAY PANEL USING COMBINATION OF LASER AND WET ETCHINGS
- PROCEDE DE FABRICATION D'UN ECRAN D'AFFICHAGE A PLASMA A DECHARGE CAPILLAIRE PAR UNE COMBINAISON DE GRAVURE A LASER ET DE GRAVURE HUMIDE
- (71) **PLASMION DISPLAYS LLC** [US/US]; 2840 Hershberger Road, Roanoke, VA 24017 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Steven** [US/US]; 228 Blanch Avenue, Harrington Park, NJ 07640 (US). **PARK, Sooho** [KR/US]; 128 Chestnut Street, Apt. 101, Rutherford, NJ 07070 (US). **YEOM, Geun-Young** [KR/KR]; Olympic Family Apt. #230-602, Munjeong 2-dong, Songpa-gu, Seoul (KR). **LEE, Young-Joon** [KR/KR]; Hyundai Apt. #3-701, Cheongryang 1-chome, Dongdaemun-gu, Seoul (KR).
- (74) **RODRIGUEZ, Douglas, X.** et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/00**
- (11) **WO 02/41352** (13) A2
- (21) PCT/US01/43086
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,006 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR DRIVING CAPILLARY DISCHARGE PLASMA DISPLAY PANEL
- PROCEDE ET APPAREIL DE PILOTAGE D'UN ECRAN A DECHARGE CAPILLAIRE DE PLASMA
- (71) **PLASMION DISPLAYS, LLC** [US/US]; 2840 Hershberger Road, Roanoke, VA 24017 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Steven** [US/US]; 228 Blanch Avenue, Harrington Park, NJ 07640 (US). **SHIN, Bhum-Jae** [KR/US]; Unit 3K, 44-50 Sherman Avenue, Jersey City, NJ 07307 (US).
- (74) **MORGAN, LEWIS & BOCKIUS LLP**; HARDY, David, 1800 M Street, N.W., Washington, DC 20036-5869 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 37/147, 37/317**
- (11) **WO 02/41353** (13) A2
- (21) PCT/US01/50962
- (22) **19 Oct/oct 2001 (19.10.2001)**
- (25) en (26) en
- (30) 60/242,286 **20 Oct/oct 2000 (20.10.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MAGNETIC SCANNING SYSTEM WITH A NONZERO FIELD
- SYSTEME DE BALAYAGE MAGNETIQUE A CHAMP NE PASSANT PAS PAR ZERO
- (71) **PROTEROS, LLC** [US/US]; 42B Cherry Hill Drive, Danvers, MA 01923 (US).
- (72) **BERRIAN, Donald, W.**; 17 Pheasant Lane, Topsfield, MA 01983 (US).
- (74) **KNOPS, Peter, C.**; Lathrop & Gage LC, 2345 Grand Boulevard, Suite 2800, Kansas City, MO 64108 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 37/301, 37/18, 37/317**
- (11) **WO 02/41354** (13) A1
- (21) PCT/EP01/13099
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 00204032.7 **16 Nov/nov 2000 (16.11.2000)** EP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MULTI-BEAM LITHOGRAPHY APPARATUS PROVIDED WITH A DIFFERENTIAL VACUUM SYSTEM
- APPAREIL LITHOGRAPHIQUE A FAISCEAUX MULTIPLES COMPORTANT UN SYSTEME A VIDE DIFFERENTIEL
- (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) **KRANS, Jan, M.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MEUWESE, Mark, T.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN LOENEN, Evert, J.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BAKKER, Hendrik**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c), (q1)
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- (51)⁷ **H01J 37/32, 37/20**
- (11) **WO 02/41355** (13) A2
- (21) PCT/US01/47391
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 09/713,137 **14 Nov/nov 2000 (14.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PLASMA PROCESSING COMPRISING THREE ROTATIONAL MOTIONS OF AN ARTICLE BEING PROCESSED
- TRAITEMENT AU PLASMA COMPORTANT TROIS MOUVEMENTS DE ROTATION D'UN ARTICLE EN COURS DE TRAITEMENT
- (71) **TRU-SI TECHNOLOGIES, INC.** [US/US]; 657 North Pastoria Avenue, Sunnyvale, CA 94085 (US).
- (72) **SINIAGUINE, Oleg**; 1247 Weibel Way, San Jose, CA 95125 (US). **SAVASTIOUK, Sergey**; 1627 Sparkling Way, San Jose, CA 95125 (US). **HALAHAN, Patrick**; 3932 Casanova, San Mateo, CA 94403 (US). **KAO, Sam**; 1459 Parrott Drive, San Mateo, CA 94402 (US).
- (74) **SHENKER, Michael** et al. / etc.; Skjervan Morrill MacPherson LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ H01J 37/34

(11) WO 02/41356 (13) A2

(21) PCT/NL01/00821

(22) 13 Nov/nov 2001 (13.11.2001)

(25) nl (26) en

(30) 1016597 13 Nov/nov 2000 NL (13.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SPUTTERING CATHODE WITH MAGNETIC SHUNT

● CATHODE DE PULVÉRISATION À SHUNT MAGNÉTIQUE

(71) OTB GROUP B.V. [NL/NL]; Dillenburgstraat 29, NL-5652 AM Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANDSBERGEN, Jeroen, Franciscus, Maria [NL/NL]; F. Van Almondestraat 1, 5684 BN Best (NL). VYSKOCIL, Jiri [CZ/CZ]; NaBePidli 11, Praag 5 (CZ).

(74) PRINS, A., W.; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 61/68

(11) WO 02/41357 (13) A1

(21) PCT/JP01/09988

(22) 15 Nov/nov 2001 (15.11.2001)

(25) ja (26) ja

(30) 2000-348415 15 Nov/nov 2000 JP (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● GAS DISCHARGE TUBE

● TUBE A DECHARGE GAZEUSE

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAI, Koji [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). ITO, Yoshinobu [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

(74) HASEGAWA, Yoshiaki et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ H01J 61/68

(11) WO 02/41358 (13) A1

(21) PCT/JP01/09990

(22) 15 Nov/nov 2001 (15.11.2001)

(25) ja (26) ja

(30) 2000-348406 15 Nov/nov 2000 JP (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● GAS DISCHARGE TUBE

● TUBE A DECHARGE DE GAZ

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITO, Yoshinobu [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). KAWAI, Koji [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). MINAMIZAWA, Tsuyoshi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

(74) HASEGAWA, Yoshiaki et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ H01J 61/68

(11) WO 02/41359 (13) A1

(21) PCT/JP01/09991

(22) 15 Nov/nov 2001 (15.11.2001)

(25) ja (26) ja

(30) 2000-348391 15 Nov/nov 2000 JP (15.11.2000)

(30) 2001-255234 24 Aug/août 2001 JP (24.08.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● GAS DISCHARGE TUBE

● TUBE D'EJECTION DE GAZ

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAI, Koji [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). ITO, Yoshinobu [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

(74) HASEGAWA, Yoshiaki et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ H01K

(11) WO 02/41360 (13) A2

(21) PCT/US01/49676

(22) 9 Nov/nov 2001 (09.11.2001)

(25) en (26) en

(30) 09/712,330 14 Nov/nov 2000 US (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● FILAMENT STRUCTURE FOR INCANDESCENT LAMPS

● STRUCTURE DE FILAMENT DESTINÉE A DES LAMPES A INCANDESCENCE

(71) GENERAL ELECTRIC COMPANY [US/US]; One River Road, Schenectady, NY 12345 (US).

(72) KUTI, Erno; Toronya u. 29/A, H-1037 Budapest (HU).

(74) HARRINGTON, Mark, F.; Harrington & Smith, LLP, 1809 Black Rock Turnpike, Fairfield, CT 06432-3504 (US) et al. / etc.

(81) CN JP KR.

(51)⁷ H01L

(11) WO 02/41361 (13) A2

(21) PCT/US01/43219

(22) 19 Nov/nov 2001 (19.11.2001)

- (25) en (26) en
 (30) 09/721,128 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR FABRICATING INTERFACIAL OXIDE IN A TRANSISTOR AND RELATED STRUCTURE
 • PROCEDE DE FABRICATION D'OXYDE INTERFACIAL DANS UN TRANSISTOR ET STRUCTURE ASSOCIEE
- (71) CONEXANT SYSTEMS, INC. [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) JOSHI, Pankaj, N.; 142 Pergola, Irvine, CA 92612 (US). SCHUEGRAEF, Klaus, F.; 26 Groveside Drive, Aliso Viejo, CA 92656 (US).
- (74) FARJAMI, Michael; Farjami & Farjami LLP, 16148 Sand Canyon, Irvine, CA 92618 (US).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H01L
 (11) **WO 02/41362** (13) A2
 (21) PCT/US01/43326
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 60/249,929 **17 Nov/nov 2000** US
(17.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • LASER SEPARATED DIE WITH TAPERED SIDEWALLS FOR IMPROVED LIGHT EXTRACTION
 • MATRICE SEPARÉE PAR LASER COMPRENANT DES PAROIS LATÉRALES TRONCONIQUES PERMETTANT UNE EXTRACTION LUMINEUSE AMÉLIORÉE
- (71) EMCORE CORPORATION [US/US]; 145 Belmont Drive, Somerset, NJ 08873-1214 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELIASHEVICH, Ivan [US/US]; 185 South Orange Avenue #10, South Orange, NJ 07079 (US). GOTTFRIED, Mark [US/US]; 904 Boesel Avenue, Manville, NJ 08835 (US).
- (74) PERRY, Kimberly, V. et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41364** (13) A2
 (21) PCT/US01/44046
 (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) en (26) en
 (30) 60/249,238 **16 Nov/nov 2000** US
(16.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • LED PACKAGES HAVING IMPROVED LIGHT EXTRACTION
 • BOITIERS A DIODE ELECTROLUMINESCENTE, A EXTRACTION DE LUMIERE AMÉLIORÉE
- (71) EMCORE CORPORATION [US/US]; 145 Belmont Drive, Somerset, NJ 08873-1214 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELIASHEVICH, Ivan [RU/US]; 185 South Orange Avenue #10, South Orange, NJ 07079 (US). KARLICEK, Robert, F., Jr. [US/US]; 3238 Darien Lane, Twinsburg, OH 44087 (US). VENUGOPALAN, Hari [IN/US]; Apartment 10H, 575 Easton Avenue, Somerset, NJ 08873 (US).
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- (51)⁷ H01L
 (11) **WO 02/41365** (13) A2
 (21) PCT/US01/45570
 (22) **24 Oct/oct 2001 (24.10.2001)**
 (25) en (26) en
 (30) 09/714,380 **16 Nov/nov 2000** US
(16.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • SINGLE CRYSTALLINE OXIDE ON A SEMICONDUCTOR SUBSTRATE
 • OXYDE MONOCRISTALLIN SUR UN SUBSTRAT SEMICONDUCTEUR
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) YU, Zhiyi; 449 W. Merrill Avenue, Gilbert, AZ 85233 (US). OVERGAARD, Corey, Daniel; 2304 W. Mulberry Drive, Phoenix, AZ 85015 (US). DROOPAD, Ravindranath; 1854 E. Gemini Drive, Tempe, AZ 85283 (US). HALLMARK, Jerald, A.; 1544 E. Vaughn Avenue, Gilbert, AZ 85234 (US). OOMS, William, J.; 7200 W. Dillon Wash, Prescott, AZ 86305 (US).
- (74) KOCH, William, E. et al. / etc.; Motorola Labs, 3102 North 56th Street, AZ11/56-238, Phoenix AZ 85018-6606 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41366** (13) A2
 (21) PCT/US01/46859
 (22) **8 Nov/nov 2001 (08.11.2001)**
 (25) en (26) en
 (30) 09/714,356 **16 Nov/nov 2000** US
(16.11.2000)
 (43) 23 May/mai 2002 (23.05.2002)

- (54) • NITROGEN IMPLANTATION USING A SHADOW EFFECT TO CONTROL GATE OXIDE THICKNESS IN STI DRAM SEMICONDUCTORS
- IMPLANTATION D'AZOTE AU MOYEN D'UN EFFET D'OMBRE POUR REGULER L'EPAISSEUR DE L'OXYDE DE GRILLE DANS DES SEMI-CONDUCTEURS DRAM STI
- (71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US).
- (72) **TEWS, Hemut, Horst**; 26 Millbank Road, Poughkeepsie, NY 12603 (US). **BIENTER, Jochen**; 27 Clapp Ave., Wappingers Falls, NY 12590 (US).
- (74) **BRADEN, Stanton, C.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L**
- (11) **WO 02/41367** (13) A2
- (21) PCT/US01/47363
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 09/713,734 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SELF-ALIGNED MAGNETIC CLAD WRITE LINE AND METHOD THEREOF
- LIGNE D'ECRITURE AUTO-ALIGNEE A ENVELOPPE MAGNETIQUE ET SON PROCEDE
- (71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **JONES, Robert, E.**; 11909 Brookwood Circle, Austin, TX 78750 (US). **BARRON, Carole, C.**; 1803 Sandra Cove, Cedar Park, TX 78613 (US). **LUCKOWSKI, Eric, D.**; 5217 Old Spicewood Springs Road, Apt. 508, Austin, TX 78731 (US). **MELNICH, Bradley, M.**; 10201 Banks Court, Austin, TX 78739 (US).
- (74) **KOCH, William, E.** et al. / etc.; Motorola Labs, Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, Austin, TX 78729 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 21/00, 21/306**
- (11) **WO 02/41369** (13) A2
- (21) PCT/US01/43368
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/249,995 **20 Nov/nov 2000 (20.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTROPOLISHING AND CHEMICAL MECHANICAL PLANARIZATION
- PLANARISATION PAR POLISSAGE ÉLECTROLYTIQUE ET TRAITEMENT CHIMIO-MÉCANIQUE
- (71) **RODEL HOLDINGS, INC.** [US/US]; Suite 1300, 1105 North Market Street, Wilmington, DE 19899 (US).
- (72) **BANERJEE, Gautam**; 850 Longmore, Apt. #228, Meza, AZ 85202 (US). **COOK, Lee, Melbourne**; 20 Bryson Road, Steelville, PA 19310 (US).
- (74) **KITA, Gerald, K.** et al. / etc.; Suite 1300, 1105 North Market Street, Wilmington, DE 19889 (US).
- (81) JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/00**
- (11) **WO 02/41370** (13) A2
- (21) PCT/US01/46633
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) en (26) en
- (30) 60/249,708 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • APPARATUSES AND METHODS FOR RESISTIVELY HEATING A THERMAL PROCESSING SYSTEM
- APPAREILS ET PROCEDES DE CHAUFFAGE PAR RESISTANCE D'UN SYSTEME DE TRAITEMENT THERMIQUE
- (63) US 60/249,708 (CIP) 16 Nov/nov 2000 (16.11.2000)
- (71) **MATTSON TECHNOLOGY, INC.** [US/US]; 2800 Bayview Drive, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHNSGARD, Kristian, E.** [US/US]; 13560 Indian Rock Way, Los Gatos, CA 95030 (US). **MESSINEO, Daniel, L.** [US/US]; 508 Singley Drive, Milpitas, CA 95035 (US). **SALLOW, David, E.** [GB/US]; 3400 Bassett Street, Santa Clara, CA 95054 (US).
- (74) **MURPHY, Michael, J.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 21/02, 29/51**
- (11) **WO 02/41371** (13) A1
- (21) PCT/US01/31990
- (22) **15 Oct/oct 2001 (15.10.2001)**
- (25) en (26) en
- (30) 09/712,425 **14 Nov/nov 2000 (14.11.2000)** US

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SEMICONDUCTOR STRUCTURE HAVING HIGH DIELECTRIC CONSTANT MATERIAL
- STRUCTURE SEMICONDUCTRICE CONTENANT UN MATERIAU A CONSTANANCE DIELECTRIQUE ELEVEE
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **RAMDANI, Jamal**; 1082 W. Thompson Way, Chandler, AZ 85248 (US). **DROOPAD, Ravindranath**; 4515 W. Tyson Street, Chandler, AZ 85226 (US). **HILT, Lyndee**; 3600 W. Ray Road, Apt.2078, Chandler, AZ 85226 (US). **CURLESS, Jay**; 1522 E. Southern, #1148, Tempe, AZ 85282 (US). **ZOLLNER, Stefan**; 470 N. Kenneth Place, Chandler, AZ 85226 (US).
- (74) **KOCH, William, E.**; Portfolio Manager - Motorola Labs, Motorola, Inc., Intellectual Property Department, 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6697 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 21/027, G03F 7/20, H01J 37/305, 37/147**
- (11) **WO 02/41372** (13) A1
- (21) PCT/JP01/09812
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) ja (26) ja
- (30) 2000-351055 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRON BEAM EXPOSURE SYSTEM, ELECTRON BEAM EXPOSURE METHOD, AND PRODUCTION METHOD FOR SEMICONDUCTOR ELEMENT
- SYSTEME D'EXPOSITION A UN FAISCEAU ELECTRONIQUE, PROCEDE D'EXPOSITION A UN FAISCEAU ELECTRONIQUE ET PROCEDE DE PRODUCTION D'ELEMENTS SEMI-CONDUCTEURS
- (71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARAGUCHI, Takeshi** [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **YASUDA, Hiroshi** [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **HAMAGUCHI, Shinichi** [JP/JP]; 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) DE GB KR US.
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- (51)⁷ **H01L 21/027, G03F 7/20, H01J 37/305, 37/147**
- (11) **WO 02/41373** (13) A1
- (21) PCT/JP01/09814
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) ja (26) ja
- (30) 2000-348462 **15 Nov/nov 2000 JP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRON BEAM CORRECTION METHOD AND ELECTRON BEAM EXPOSURE SYSTEM
- PROCEDE DE CORRECTION DE FAISCEAUX D'ELECTRONS ET SYSTEME D'EXPOSITION A DES FAISCEAUX D'ELECTRONS
- (71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAMAGUCHI, Shinichi** [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **YASUDA, Hiroshi** [JP/JP]; 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) DE GB KR US.
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- (51)⁷ **H01L 21/027, G03F 7/20, H01J 37/305, 37/04, 37/147**
- (11) **WO 02/41374** (13) A1
- (21) PCT/JP01/09815
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) ja (26) ja
- (30) 2000-348472 **15 Nov/nov 2000 JP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRON BEAM EXPOSURE SYSTEM, ELECTRON BEAM CORRECTION METHOD, ELECTRON BEAM EXPOSURE METHOD, AND METHOD OF PRODUCING SEMICONDUCTOR ELEMENT
- SYSTEME D'EXPOSITION A DES FAISCEAUX D'ELECTRONS, PROCEDE DE CORRECTION DE FAISCEAUX D'ELECTRONS, PROCEDE D'EXPOSITION A DES FAISCEAUX D'ELECTRONS, ET PROCEDE PERMETTANT DE PRODUIRE UN ELEMENT SEMI-CONDUCTEUR
- (71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).
- (72, 75) **HARAGUCHI, Takeshi** [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **YASUDA, Hiroshi** [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **HAMAGUCHI, Shinichi** [JP/JP]; 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) DE GB KR US.
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- (51)⁷ **H01L 21/027, G03F 7/20, H01J 37/305, 37/147**
- (11) **WO 02/41375** (13) A1
- (21) PCT/JP01/09973
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) ja (26) ja
- (30) 2000-347993 **15 Nov/nov 2000 JP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR TRANSFER, METHOD AND DEVICE FOR EXPOSURE, AND METHOD OF MANUFACTURING DEVICE
- PROCEDES ET DISPOSITIFS DE TRANSFERT ET D'EXPOSITION ET PROCEDE SERVANT A FABRIQUER UN COMPOSANT
- (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) **OWA, Soichi** [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
- (74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 21/205, C23C 16/44**
- (11) **WO 02/41376** (13) A1
- (21) PCT/JP01/08515
- (22) **28 Sep/sep 2001 (28.09.2001)**
- (25) ja (26) ja
- (30) 2000-353312 **20 Nov/nov 2000 JP (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR CLEANING OF PROCESSING CHAMBER IN SEMICONDUCTOR PROCESSING APPARATUS
- PROCEDE DE NETTOYAGE DE LA CHAMBRE DE TRAITEMENT D'UN

APPAREIL DE TRAITEMENT DE SEMI-CONDUCTEURS

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

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

(72, 75) **SAKUMA, Takeshi** [JP/JP]; c/o Tokyo Electron AT Limited, 2-41, Machiya 1-chome, Shiroyamamachi, Tsukui-gun, Kanagawa 220-0106 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) KR US.

(51)⁷ **H01L 21/205**

(11) **WO 02/41377** (13) A1

(21) PCT/KR01/01945

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ko (26) en

(30) 2000/67636 **15 Nov/nov 2000** KR
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CVD THIN FILM MANUFACTURING APPARATUS

• APPAREIL CVD DE PRODUCTION DE FILMS MINCES

(71) **EUGENE TECHNOLOGY CO., LTD.** [KR/KR]; 602, Shila Technovill Building 39-3, Dang-dong, Gunpo-City, Kyungki-Do 435-010 (KR).

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

(72, 75) **UM, Pyung, Yong** [KR/KR]; 336-704, Yoollkok Apt., 876, Geumjung-Dong, Gunpo-City, Kyungki-Do 435-050 (KR).

(74) **PARK, Gileem**; #603 New Seoul Building, 828-8, Yoksam-Dong, Kangnam-Ku, 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 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 PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/28, 21/316, 29/51**

(11) **WO 02/41378** (13) A2

(21) PCT/US01/31989

(22) **15 Oct/oct 2001 (15.10.2001)**

(25) en (26) en

(30) 09/712,875 **15 Nov/nov 2000** US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SEMICONDUCTOR STRUCTURE AND PROCESS FOR FABRICATING SAME

• STRUCTURE SEMI-CONDUCTRICE ET SON PROCEDE DE FABRICATION

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

(72) **YU, Zhiyi**; 449 West Merrill Avenue, Gilbert, AZ 85233 (US). **RAMDANI, Jamal**; 1082 West Thompson Way, Chandler, AZ 85248 (US). **DROOPAD, Ravindranath**; 4515 West Tyson Street, Chandler, AZ 85226 (US).

(74) **KOCH, William, E.**; Portfolio Manager - Motorola Labs, Motorola, Inc., Intellectual Property Department, 3102 North 56th Street, AZ11/56-238, PHOENIX, AZ 85018-6697 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **H01L 21/285**

(11) **WO 02/41379** (13) A1

(21) PCT/JP01/09924

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 2000-351716 **17 Nov/nov 2000** JP
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF FORMING METAL WIRING AND SEMICONDUCTOR MANUFACTURING APPARATUS FOR FORMING METAL WIRING

• PROCEDE DE FORMATION DE CABLAGE METALLIQUE ET APPAREIL DE FABRICATION DE SEMI-CONDUCTEUR DESTINE A LA FORMATION DE CABLAGE METALLIQUE

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-Chome, Minato-Ku, Tokyo 107-8481 (JP).

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

(72, 75) **YAMASAKI, Hideaki** [JP/JP]; c/o TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 407-0192 (JP). **TACHIBANA, Mitsuhiro** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 407-0192 (JP). **OKUBO, Kazuya** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 407-0192 (JP). **SUZUKI, Kenji** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 407-0192 (JP). **KAWANO, Yumiko** [JP/JP]; c/o TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 407-0192 (JP).

(74) **ITOH, 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 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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/304, 21/66**

(11) **WO 02/41380** (13) A1

(21) PCT/JP01/09981

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-350151 **16 Nov/nov 2000** JP
(16.11.2000)

(30) 2001-280501 **14 Sep/sep 2001** JP
(14.09.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • WAFER SHAPE EVALUATING METHOD AND DEVICE AND DEVICE PRODUCING METHOD, WAFER AND WAFER SELECTING METHOD

• PROCEDE D'EVALUATION DE LA FORME D'UNE PLAQUETTE, DISPOSITIF ET PROCEDE DE FABRICATION DU DISPOSITIF, PLAQUETTE ET PROCEDE DE SELECTION DE PLAQUETTE

(71) **SHIN-ETSU HANDOTAI CO.,LTD.** [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **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) **KOBAYASHI, Makoto** [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD. Shirakawa R & D Center, 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). **MATSUKAWA, Kazuhito** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YAMAMOTO, Hidekazu** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MAEJIMA, Shinroku** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **ISHIHARA, Shoji**; No.302, Wakai Bldg., 7-8, Higashi-Ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 21/316, 21/768**

(11) **WO 02/41381** (13) A1

(21) PCT/JP01/08840

(22) **9 Oct/oct 2001 (09.10.2001)**

(25) ja (26) ja

- (30) 2000-350934 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR PRODUCING SEMI-CONDUCTOR DEVICE
• PROCEDE D'ELABORATION D'UN DISPOSITIF SEMI-CONDUCTEUR
- (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) **NAKAGAWA, Hideo** [JP/JP]; 131, Oda-cho, Omihachiman-shi, Shiga 523-0064 (JP). **SASAGO, Masaru** [JP/JP]; 1-19-22, Doyama, Hirakata-shi, Osaka 573-0007 (JP). **ENDO, Masayuki** [JP/JP]; 782, Kurodori-cho, Izumi-shi, Osaka 594-0022 (JP). **HIRAI, Yoshihiko** [JP/JP]; 2-1-3-807, Shigino-nishi, Joto-ku, Osaka-shi, Osaka 536-0014 (JP).
- (74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
- (81) CN KR US.
- (84) EP (DE FR GB NL).
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- (51)⁷ **H01L 21/331**
- (11) **WO 02/41382** (13) A1
- (21) PCT/US01/43214
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) en (26) en
- (30) 09/721,551 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR CONTROLLING CRITICAL DIMENSION IN A POLYCRYSTALLINE SILICON EMITTER AND RELATED STRUCTURE
• PROCEDE PERMETTANT DE REGULER LA DIMENSION CRITIQUE DANS UN EMETTEUR DE SILICIUM POLYCRISTALLIN ET STRUCTURE ASSOCIEE
- (71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) **SCHUEGRAF, Klaus, F.**; 26 Groveside Drive, Aliso Viejo, CA 92656 (US).
- (74) **FARJAMI, Michael**; Farjami & Farjami LLP, 16148 San Canyon, Irvine, CA 92618 (US).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01L 21/336, 21/28, 21/265, 29/78, 29/423, 29/10, 29/49**
- (11) **WO 02/41383** (13) A1
- (21) PCT/GB01/05015
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/713,830 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FET WITH NOTCHED GATE AND METHOD OF MANUFACTURING THE SAME
• FET A GRILLE A ENCOCHE ET SON PROCEDE DE FABRICATION
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).
- (71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72) **FURUKAWA, Toshiharu**; 9 Oakwood Lane, Essex Junction, VT 05452 (US). **HAKEY, Mark**; 15 Bellows Street, Fairfax, VT 05454 (US). **HOLMES, Steven**; 127 Devino Road, Milton, VT 05468 (US). **HORAK, David**; 47 Briar Lane, Essex Junction, VT 05452 (US). **NOWAK, Edward**; 8 Windridge Road, Essex Junction, VT 05452 (US).
- (74) **BURT, Roger, James**; 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c), (qI)
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- (51)⁷ **H01L 21/52, 21/60, H05K 13/00**
- (11) **WO 02/41384** (13) A1
- (21) PCT/JP00/08031
- (22) **14 Nov/nov 2000 (14.11.2000)**
- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CHIP MOUNTING DEVICE AND METHOD OF CALIBRATING THE DEVICE
• DISPOSITIF DE MONTAGE DE PUCES ET PROCEDE D'ETALONNAGE DU DISPOSITIF
- (71) **TORAY ENGINEERING CO., LTD.** [JP/JP]; 4-18, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAUCHI, Akira** [JP/JP]; 3-9-30, Shigasato, Otsu-shi, Shiga 520-0006 (JP). **ARAI, Yoshiyuki** [JP/JP]; 3-8, Wakabadai, Otsu-shi, Shiga 520-0845 (JP).
- (74) **SUGITANI, Tsutomu**; Nishitenma No. 11 Matsuya Building, 10-8, Nishitenma 1-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/52, 21/60, 21/603**
- (11) **WO 02/41385** (13) A1
- (21) PCT/JP00/08091
- (22) **16 Nov/nov 2000 (16.11.2000)**
- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • TOOL FOR THERMO-COMPRESSION-BONDING CHIPS, AND CHIP PACKAGING DEVICE HAVING THE SAME
• OUTIL POUR LIER LES PUCES PAR COMPRESSION THERMIQUE ET DISPOSITIF D'ENCAPSULATION DE PUCES MUNI DE CET OUTIL
- (71) **TORAY ENGINEERING CO., LTD.** [JP/JP]; 4-18, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAUCHI, Akira** [JP/JP]; 3-9-30, Shigasato, Otsu-shi, Shiga 520-0006 (JP). **ARAI, Yoshiyuki** [JP/JP]; 3-8, Wakabadai, Otsu-shi, Shiga 520-0845 (JP).
- (74) **SUGITANI, Tsutomu**; Nishitenma No. 11, Matsuya Bldg., 10-8, Nishitenma 1-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/56**
- (11) **WO 02/41386** (13) A1
- (21) PCT/JP01/09832
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) ja (26) ja
- (30) 2000-348269 **15 Nov/nov 2000 JP (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR COATING ELECTRONIC PARTS
• PROCÉDÉ DE REVÊTEMENT DE PIÈCES ÉLECTRONIQUES
- (71) **DOW CORNING TORAY SILICONE CO., LTD.** [JP/JP]; 1-1-3, Marunouchi, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAKAWA, Kimio** [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusakaigan, Ichihara-shi, Chiba 299-0108 (JP). **NAKANISHI, Junji** [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusakaigan, Ichihara-shi, Chiba 299-0108 (JP). **ISSHIKI, Minoru** [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusakaigan, Ichihara-shi, Chiba 299-0108 (JP). **KATO, Tomoko** [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusakaigan, Ichihara-shi, Chiba 299-0108 (JP). **MINE, Katsutoshi** [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusakaigan, Ichihara-shi, Chiba 299-0108 (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) 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/58, G06K 19/077, B32B 31/00, H05K 3/32**

- (11) **WO 02/41387** (13) A1
(21) PCT/FI01/00961
(22) **5 Nov/nov 2001 (05.11.2001)**
(25) fi (26) en
(30) 20002543 **20 Nov/nov 2000** FI
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)

- (54) • A METHOD FOR ATTACHING AN INTEGRATED CIRCUIT ON A SILICON CHIP TO A SMART LABEL
• PROCEDE POUR FIXER UN CIRCUIT INTEGRE SUR UNE PUCE DE SILICIUM A UNE ETIQUETTE INTELLIGENTE
- (71) **RAFSEC OY** [FI/FI]; P.O. Box 53, FIN-33101 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRÖMBERG, Samuli** [FI/FI]; Lepäkatu 5 as. 9, FIN-33100 Tampere (FI).

(74) **GUSTAFSSON, Helmer**; UPM-Kymmene Corporation, P.O. Box 40, FIN-37601 Valkeakoski (FI).

- (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/66**

- (11) **WO 02/41388** (13) A2
(21) PCT/CA01/01627
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) en (26) en
(30) 0028182.4 **18 Nov/nov 2000** GB
(18.11.2000)
(43) 23 May/mai 2002 (23.05.2002)

- (54) • METHOD OF INSPECTING AN ANISOTROPIC ETCH IN A MICROSTRUCTURE

- PROCEDE DE CONTROLE DE GRAVURE ANISOTROPE DANS UNE MICROSTRUCTURE

(71) **ZARLINK SEMICONDUCTOR INC.** [CA/CA]; 400 March Road, Kanata, Ontario K2K 3H4 (CA).

(72) **ANTAKI, Robert**; 82, Clouatre, St-Luc, Quebec J2W 1W9 (CA). **YAN, Riopel**; 54, Tour du Lac, Comte de Gore, Lakefield, Quebec J0V 1L0 (CA).

(74) **MACGREGOR, George**; Marks & Clerk, Station B, P.O. Box 957, Ottawa, Ontario K1P 5S7 (CA).

(81) CA CN DE GB JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 21/66**

- (11) **WO 02/41389** (13) A2
(21) PCT/EP01/13305
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/713,240 **16 Nov/nov 2000** US
(16.11.2000)
(43) 23 May/mai 2002 (23.05.2002)

- (54) • A METHOD FOR MONITORING LINE WIDTH OF ELECTRONIC CIRCUIT PATTERNS

- PROCEDE PERMETTANT DE CONTROLER LA LARGEUR DE TRAIT DE MOTIFS DE CIRCUIT ELECTRONIQUE

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

(72) **ZIGER, David, H.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COBBEN, Louis, M., H.**; Internationaal Octroibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 21/66, G01R 31/28, 31/30**

- (11) **WO 02/41390** (13) A1
(21) PCT/JP01/09895
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) ja (26) ja
(30) 2000-352442 **20 Nov/nov 2000** JP
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)

- (54) • DEVICE AND METHOD FOR ELECTRONIC DEVICE TEST

- DISPOSITIF ET PROCEDE POUR TESTER UN DISPOSITIF ELECTRONIQUE

(71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).

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

(72, 75) **FURUKAWA, Yasuo** [JP/JP]; 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) DE US.

(51)⁷ **H01L 21/768, 23/532**

- (11) **WO 02/41391** (13) A2
(21) PCT/US01/31297
(22) **4 Oct/oct 2001 (04.10.2001)**
(25) en (26) en
(30) 09/715,702 **18 Nov/nov 2000** US
(18.11.2000)
(43) 23 May/mai 2002 (23.05.2002)

- (54) • AMORPHIZED BARRIER LAYER FOR INTEGRATED CIRCUIT INTERCONNECTS

- COUCHE BARRIERE AMORPHISEE POUR DES INTERCONNEXIONS DE CIRCUIT INTEGRE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) **LOPATIN, Sergey, D.**; 1000 Kiely Boulevard #66, Santa Clara, CA 95051 (US). **NGO, Minh, Van**; 40986 Canyon Heights Drive, Fremont, CA 94539 (US). **TRAN, Minh, Quoc**; 1722 Mirabella Ct., Milpitas, CA 95035 (US).

(74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **H01L 21/768**

- (11) **WO 02/41392** (13) A2
(21) PCT/US01/46136
(22) **30 Oct/oct 2001 (30.10.2001)**
(25) en (26) en
(30) 09/716,012 **18 Nov/nov 2000** US
(18.11.2000)
(30) 09/715,670 **18 Nov/nov 2000** US
(18.11.2000)
(43) 23 May/mai 2002 (23.05.2002)

- (54) • CONDUCTOR CHEMICAL-MECHANICAL POLISHING IN INTEGRATED CIRCUIT INTERCONNECTS

- POLISSAGE CHIMICO-MECANIQUE DE CONDUCTEURS DANS L'INTERCONNEXION DE CIRCUITS INTEGRES

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) **YANG, Kai-Yueh**; 1596 Bellemeade Street, San Jose, CA 94513 (US). **SAHOTA, Kashmir, S.**; 43067 Scofield Court, Fremont, CA

- 94539 (US). **AVANZINO, Steven, C.**; 7504 Barnhart Place, Cupertino, CA 95014 (US).
- (74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 23/00**
- (11) **WO 02/41393** (13) A2
- (21) PCT/US01/42177
- (22) **12 Sep/sep 2001 (12.09.2001)**
- (25) en (26) en
- (30) 09/713,513 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **METHOD OF FORMING SHALLOW TRENCH ISOLATION IN SILICON**
- **PROCEDE D'ISOLATION DE TRANCHES PEU PROFONDES DANS DU SILICIUM**
- (71) **ATMEL CORPORATION** [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).
- (72) **MILLER, Eric, R.**; 219 East Dale Street #3, Colorado Springs, CO 80903 (US). **MOON, Stephen, R.**; 725 Robinglen Court, Colorado Springs, CO 80906 (US).
- (74) **SCHNECK, Thomas**; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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
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- (51)⁷ **H01L 23/367**
- (11) **WO 02/41394** (13) A2
- (21) PCT/US01/44849
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) en (26) en
- (30) 60/249,043 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **MICROELECTRONIC LID DESIGNS, HEAT SPREADER DESIGNS, AND SEMICONDUCTOR PACKAGES**
- **TYPES DE COUVERCLES MICRO-ELECTRONIQUES, TYPES DE DISSIPATEURS THERMIQUES ET BOITIERES DE SEMI-CONDUCTEURS**
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUBRAMANIAN, Jai** [IN/US]; 23506 E. Maxwell Court, Liberty Lake, WA 99019 (US).
- (74) **LATWESEN, David, G.** et al. / etc.; 601 West First Avenue, Suite 1300, Spokane, WA 99201 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 23/467, 23/367**
- (11) **WO 02/41395** (13) A2
- (21) PCT/US01/45677
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 09/716,510 **20 Nov/nov 2000 US (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **A HIGH-PERFORMANCE FIN CONFIGURATION FOR AIR-COOLED HEAT DISSIPATION DEVICE**
- **STRUCTURE A AILETTES A HAUTE PERFORMANCE POUR UN DISPOSITIF DE DISSIPATION THERMIQUE REFROIDI PAR AIR**
- (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, 75) **LEE, Seri** [US/US]; 570 N.W. Blueridge Court, Beaverton, OR 97006 (US). **POLLARD, Lloyd** [US/US]; 3765 Stephens Street, Portland, OR 97214 (US).
- (74) **VIKSNINS, Ann, S.** 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 23/498**
- (11) **WO 02/41397** (13) A2
- (21) PCT/US01/46626
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) en (26) en
- (30) 09/712,749 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **LOW PROFILE INTEGRATED MODULE INTERCONNECTS**
- **INTERCONNEXIONS DE MODULE INTEGRE A BAS PROFIL**
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **FU, Chia-Yu**; 3200 West Frankfurt Drive, Chandler, AZ 85226 (US). **WETTEROTH, Thomas, A.**; 1061 North Ash Drive, Chandler, AZ 85224 (US). **HUANG, Rong-Fong**; 1969 East Palomino Drive, Tempe, AZ 85284 (US).
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- (51)⁷ **H01L 23/467, 23/367**
- (11) **WO 02/41396** (13) A2
- (21) PCT/US01/45678
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 09/716,510 **20 Nov/nov 2000 US (20.11.2000)**
- (30) 09/766,757 **22 Jan/jan 2001 US (22.01.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● **HIGH PERFORMANCE HEAT SINK CONFIGURATIONS FOR USE IN HIGH DENSITY PACKAGING APPLICATIONS**
- **CONFIGURATIONS TRES PERFORMANTES DE PUITES THERMIQUE UTILISEES DANS DES APPLICATIONS GLOBALES DE HAUTE DENSITE**
- (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, 75) **LEE, Seri** [US/US]; 570 NW Blueridge Court, Beaverton, OR 97006 (US).
- (74) **VIKSNINS, Ann, S.** 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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (74) **KOCH, William, E.**; Motorola Labs - Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US) et al. / etc.
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 25/065**
- (11) **WO 02/41398** (13) A2
- (21) PCT/US01/47372
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) en (26) en
- (30) 09/714,311 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● MICROELECTRONIC PACKAGES AND PACKAGING METHODS IN WHICH SECOND MICROELECTRONIC SUBSTRATES ARE ORIENTED RELATIVE TO FIRST MICROELECTRONIC SUBSTRATES AT ACUTE ANGLES
- BOITIERS MICRO-ELECTRONIQUE ET PROCEDES D'ENCAPSULATION DANS LESQUELS DES SECONDS SUBSTRATS MICRO-ELECTRONIQUES SONT ORIENTES PAR RAPPORT A DES PREMIERS SUBSTRATS MICRO-ELECTRONIQUES POUR FORMER UN ANGLE AIGU
- (71) **UNITIVE ELECTRONICS, INC.** [US/US]; 4512 S. Miami Blvd., Research Triangle Park, NC 27703 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RINNE, Glenn, A.** [US/US]; 1641 Pricewood Lane, Apex, NC 27502 (US).
- (74) **BIGEL, Mitchell, S.**; Myers Bigel Sibley & Sajovec, P.O. Box 37428, Raleigh, NC 27627 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 27/00**
- (11) **WO 02/41399** (13) A2
- (21) PCT/EP01/12034
- (22) **17 Oct/oct 2001 (17.10.2001)**
- (25) de (26) de
- (30) 100 56 261.2 **14 Nov/nov 2000 DE (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR PRODUCING AN INTEGRATED SEMICONDUCTOR COMPONENT
- PROCEDE DE FABRICATION D'UN COMPOSANT SEMI-CONDUCTEUR INTEGRE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOLL, Hans-Peter** [DE/DE]; Louisenstr. 60, 01099 Dresden (DE).
WICH-GLASEN, Andreas [DE/DE]; A. Richter-Str. 12, 01465 Langebrueck (DE).
TRUEBY, Alexander [DE/DE]; Kamenzer Strasse 13 B, 01099 Dresden (DE).
- (74) **GINZEL, Christian** et al. / etc.; Zimmermann & Partner, Postfach 330 920, 80069 München (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 27/00**
- (11) **WO 02/41400** (13) A1
- (21) PCT/EP01/12589
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en
- (30) 00204053.3 **17 Nov/nov 2000 EP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ORGANIC ELECTROLUMINESCENT DEVICE AND A METHOD OF MANUFACTURING THEREOF
- DISPOSITIF ELECTROLUMINESCENT ORGANIQUE ET PROCEDE DE FABRICATION DE CELUI-CI
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **DUINEVELD, Paulus, C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
LIEDENBAUM, Coen, T., H., F.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
HASKAL, Eliav, I.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
CAMPS, Ivo, G., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **RAAP, Adriaan, Y.**; Internationaal Octroibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- Published / Publiée : (c), (q1)
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- (51)⁷ **H01L 27/08, 27/085, 27/092, G06F 17/60**
- (11) **WO 02/41401** (13) A1
- (21) PCT/JP01/09887
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) ja (26) ja
- (30) 2000-349675 **16 Nov/nov 2000 JP (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SEMICONDUCTOR DEVICE AND PORTABLE ELECTRONIC APPARATUS
- DISPOSITIF SEMI-CONDUCTEUR ET APPAREIL ELECTRONIQUE PORTABLE
- (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) **SHIBATA, Akihide** [JP/JP]; 104-B203, Misasagi-cho, Nara-shi, Nara 631-0803 (JP).
IWATA, Hiroshi [JP/JP]; 2-4-13, Shigigaoka, Sango-cho, Ikoma-gun, Nara 636-0813 (JP).
KAKIMOTO, Seizo [JP/JP]; 636-1-309, Yuzaki, Kawanishi-cho, Shiki-gun, Nara 636-0202 (JP).
- (74) **AOYAMA, Tamotsu** et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 27/088**
- (11) **WO 02/41402** (13) A2
- (21) PCT/US01/44168
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) en (26) en
- (30) 60/249,116 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● DISCRETE AND PACKAGED POWER DEVICES FOR RADIO FREQUENCY (RF) APPLICATIONS AND METHODS OF FORMING SAME
- DISPOSITIFS DE PUISSANCE ENCAPSULES DISTINCTS POUR APPLICATIONS RADIO FREQUENCE (RF) ET LEURS METHODES DE FABRICATION
- (71) **SILICON WIRELESS CORPORATION** [US/US]; 920 Main Campus Drive, Suite 400, NCSU Centennial Campus, Raleigh, NC 27606 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BALIGA, Bantval, Jayant** [US/US]; 2612 Bembridge Drive, Raleigh, NC 27613 (US).
- (74) **SCOTT, Grant, J.** et al. / etc.; Myers, Bigel, Sibley & Sajovec, P.O. Box 37428, Raleigh, NC 27627 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 29/78, 29/08, 27/108, 27/088**

(11) **WO 02/41403** (13) A2

(21) PCT/DE01/04005

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) de (26) de

(30) 100 56 296.5 **14 Nov/nov 2000 DE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MOS LOW-VOLTAGE VERTICAL TRANSISTOR
• TRANSISTOR VERTICAL MOS BASSE TENSION

(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) **SOMMER, Peter** [AT/DE]; Kölner Platz 6, 80804 München (DE). **TIHANY, Jenő** [DE/DE]; Isarweg 13, 85551 Kirchheim (DE).

(74) **KOTTMANN, Dieter**; Müller Hoffmann & Partner, Innere Wiener Strasse 17, 81667 München (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 29/78, 29/417, 29/739, 21/336, 21/331 // 27/06**

(11) **WO 02/41404** (13) A2

(21) PCT/EP01/13420

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 0028031.3 **17 Nov/nov 2000 GB (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • TRENCH-GATE FIELD-EFFECT TRANSISTORS AND THEIR MANUFACTURE

• TRANSISTORS A EFFET DE CHAMP COMPORTANT UNE TRANCHEE ET UNE GRILLE ET LEUR FABRICATION

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

(72) **GROVER, Raymond, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PEAKE, Steven, T.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **STEVENS, Brian, T.**; Internationaal Octroobureau 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 **H01L 29/78, 21/336, 21/768, 29/49**

(11) **WO 02/41405** (13) A1

(21) PCT/US01/31199

(22) **4 Oct/oct 2001 (04.10.2001)**

(25) en (26) en

(30) 100 56 868.8 **16 Nov/nov 2000 DE (16.11.2000)**

(30) 09/812,372 **20 Mar/mar 2001 US (20.03.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SEMICONDUCTOR DEVICE WITH REDUCED LINE-TO-LINE CAPACITANCE AND CROSS TALK NOISE

• DISPOSITIF A SEMI-CONDUCTEUR A CAPACITANCE LIGNE A LIGNE ET A BRUIT DIAPHONIE REDUITS

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(72) **HORSTMANN, Manfred**; Bautzner Strasse 18, 01099 Dresden (DE). **WIECZOREK, Karsten**; An der Otteritz 10, 01468 Reichenberg-Boxdorf (DE). **HAUSE, Frederick, N.**; 4702 Circle Oak Cove, Austin, TX 78749 (US).

(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 BY BZ CA CH CN CO CR CU CZ DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **H01L 29/78, 33/00**

(11) **WO 02/41406** (13) A1

(21) PCT/US01/44047

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 60/249,311 **16 Nov/nov 2000 US (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MICROELECTRONIC PACKAGE HAVING IMPROVED LIGHT EXTRACTION

• BOITIER MICRO-ELECTRONIQUE AVEC PHOTO-EXTRACTION ACCRUE

(71) **EMCORE CORPORATION** [US/US]; 145 Belmont Drive, Somerset, NJ 08873-1214 (US).

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

(72, 75) **ELIASHEVICH, Ivan** [RU/US]; 185 South Orange Avenue #10, South Orange, NJ 07079 (US). **KARLICEK, Robert, F., Jr.** [US/US]; 3238 Darien Lane, Twinsburg, OH 44087 (US). **VENUGOPALAN, Hari** [IN/US]; Apartment 10H, 575 Easton Avenue, Somerset, NJ 08873 (US).

(74) **DOHERTY, Michael, J.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/042, E04D 13/18**

(11) **WO 02/41407** (13) A1

(21) PCT/JP01/08015

(22) **14 Sep/sep 2001 (14.09.2001)**

(25) ja (26) ja

(30) 2000-349964 **16 Nov/nov 2000 JP (16.11.2000)**

(30) 2000-349965 **16 Nov/nov 2000 JP (16.11.2000)**

(30) 2000-349966 **16 Nov/nov 2000 JP (16.11.2000)**

(30) 2000-349967 **16 Nov/nov 2000 JP (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SOLAR BATTERY MODULE, PHOTOVOLTAIC POWER GENERATION SYSTEM, SUPPORT BLOCK SUPPORTING SOLAR BATTERY MODULE, AND PHOTOVOLTAIC POWER GENERATION SYSTEM INSTALLATION METHOD

• MODULE DE BATTERIE SOLAIRE, SYSTEME DE PRODUCTION D'ENERGIE PHOTOVOLTAIQUE, BLOC DE SUPPORT SUPPORTANT CE MODULE DE BATTERIE SOLAIRE, ET PROCEDE D'INSTALLATION D'UN SYSTEME DE PRODUCTION D'ENERGIE PHOTOVOLTAIQUE

(71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).

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

(72, 75) **NAKAJIMA, Takeharu** [JP/JP]; 5-2-23, Torikainishi, Settsu-shi, Osaka 556-0072 (JP). **IWAMOTO, Kazunari** [JP/JP]; 2-19-10-302, Higashi, Koga-shi, Ibaraki 306-0011 (JP). **ITO, Haruhiko** [JP/JP]; 46-2-301, Minamihanadacho, Sakai-shi, Osaka 591-8011 (JP). **NAKAJIMA, Ichiro** [JP/JP]; 31-11, Minamimitubo, Sinjo-cho, Kitakaturangi-gun, Nara 639-2143 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 31/062, 31/0216, 31/0224**

(11) **WO 02/41408** (13) A1

(21) PCT/DE01/04331

(22) **16 Nov/nov 2001 (16.11.2001)**

- (25) de (26) de
- (30) 100 57 296.0 **17 Nov/nov 2000 DE (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SOLAR CELL SURFACE
• SURFACE DE CELLULE SOLAIRE
- (71) **KÖNIG, Katharina** [DE/DE]; Frühlichtweg 4, 09127 Chemnitz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KÖNIG, Dirk** [DE/DE]; Frühlichtweg 4, 09127 Chemnitz (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/068, 31/0224, 31/18**
- (11) **WO 02/41409** (13) A2
- (21) PCT/DE01/04332
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) de (26) de
- (30) 100 57 297.9 **17 Nov/nov 2000 DE (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SOLAR CELL USING A CONTACT FRAME AND METHOD FOR PRODUCTION THEREOF
• CELLULE SOLAIRE METTANT EN OEUVRE UN CADRE DE CONTACT ET SON PROCÉDE DE PRODUCTION
- (71) **KÖNIG, Katharina** [DE/DE]; Frühlichtweg 4, 09127 Chemnitz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KÖNIG, Dirk** [DE/DE]; Frühlichtweg 4, 09127 Chemnitz (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ 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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41410** (13) A1
- (21) PCT/DE01/04264
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) de (26) de
- (30) 100 56 292.2 **14 Nov/nov 2000 DE (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LUMINESCENT DIODE WITH HIGH DECOUPLING EFFICIENCY
• DIODE LUMINESCENTE A RENDEMENT DE COUPLAGE ELEVE
- (71) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG** [DE/DE]; Wernerwerkstr. 2, 93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WIRTH, Ralph** [DE/DE]; Augustenstrasse 13, 93049 Regensburg (DE).
- (74) **EPPING HERMANN & FISCHER**; Riederstrasse 55, 80339 München (DE).
- (81) CA CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01L 33/00, H01S 5/343**
- (11) **WO 02/41411** (13) A1
- (21) PCT/DE01/04302
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 56 475.5 **15 Nov/nov 2000 DE (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • RADIATION EMITTING SEMICONDUCTOR COMPONENT BASED ON GAN AND METHOD FOR PRODUCTION THEREOF
• COMPOSANT SEMI-CONDUCTEUR A BASE DE GAN EMETTANT UN RAYONNEMENT, ET SON PROCÉDE DE PRODUCTION
- (71) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG** [DE/DE]; Wernerwerkstr. 2, 93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BADER, Stefan** [DE/DE]; Deutschherweg 2, 93053 Regensburg (DE). **HAHN, Berthold** [DE/DE]; Am Pfannenstiel 2, 93155 Hernau (DE). **HÄRLE, Volker** [DE/DE]; Eichenstrasse 35, 93164 Waldetzenberg (DE). **LUGAUER, Hans-Jürgen** [DE/DE]; Tannenweg 14, 93173 Wenzelbach (DE).
- (74) **EPPING HERMANN & FISCHER**; Riederstrasse 55, 80339 München (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01L 39/22**
- (11) **WO 02/41412** (13) A1
- (21) PCT/JP00/08143
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SWITCH DEVICE WITHOUT DIELECTRIC BARRIER USING SUPERLATTICE
- DISPOSITIF DE COMMUTATION SANS BARRIÈRE DIELECTRIQUE A SUPER-RESEAU
- (71, 72) **TSUKUI, Katsuyuki** [JP/JP]; 3-17-20, Takasago, Saitama-shi, Saitama 336-0011 (JP).
- (81) AU CA CN IN JP KP KR NZ UA US.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (b)
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- (51)⁷ **H01L 41/09, F16K 31/00**
- (11) **WO 02/41413** (13) A1
- (21) PCT/EP01/12843
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) de (26) de
- (30) 200 19 705.3 **20 Nov/nov 2000 DE (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PIEZO FLEXURAL TRANSDUCER UNIT AND PIEZO VALVE WHICH IS EQUIPPED WITH THE SAME
• UNITE DE TRANSDUCTEUR A FLEXION PIEZO-ELECTRIQUE ET SOUPAPE PIEZO-ELECTRIQUE EQUIPEE DE CELLE-CI
- (71) **FESTO AG & CO** [DE/DE]; Rüter Strasse 82, 73734 Esslingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRISCH, Herbert** [DE/DE]; Schelmenstrasse 46, 73035 Göppingen (DE). **WIRTL, Hannes** [DE/DE]; Colmarer Strasse 16, 86956 Schongau (DE). **MAICHL, Martin** [DE/DE]; Lange Strasse 4, 73084 Salach (DE). **WEINMANN, Michael** [DE/DE]; Rechbergstrasse 1, 73655 Plüderhausen (DE).
- (74) **REIMOLD, Otto** et al. / etc.; Plochingen Strasse 109, 73730 Esslingen (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01L 51/20**
- (11) **WO 02/41414** (13) A1
- (21) PCT/DE01/04422
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) de (26) de
- (30) 100 58 578.7 **20 Nov/nov 2000 DE (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LIGHT EMITTING COMPONENT COMPRISING ORGANIC LAYERS
• COMPOSANT LUMINESCENT COMPORTANT DES COUCHES ORGANIQUES
- (71) **TECHNISCHE UNIVERSITÄT DRESDEN** [DE/DE]; Dezerat 5, SG 5.1, Mommsenstrasse 13, 01069 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PFEIFFER, Martin** [DE/DE]; Scharfenberger Str. 1, 01139 Dresden (DE). **LEO,**

Karl [DE/DE]; Hermannstr. 5, 01219 Dresden (DE). **BLOCHWITZ-NIEMOTH, Jan** [DE/DE]; Louisenstr. 8, 01099 Dresden (DE). **ZHOU, Xiang** [CN/DE]; Ackermannstr. 19, 01217 Dresden (DE).

(74) **TECHNISCHE UNIVERSITÄT DRESDEN**; SENDER, Frank, Dezernat 5, SG 5.1, 01062 Dresden (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H01M

(11) **WO 02/41415** (13) A2

(21) PCT/US01/46077

(22) **23 Oct/oct 2001 (23.10.2001)**

(25) en (26) en

(30) 09/713,821 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEGASIFIED PEM FUEL CELL SYSTEM
• SYSTEME DE PILE A COMBUSTIBLE PEM DEGASIFIE

(71) **INTERNATIONAL FUEL CELLS, LLC** [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).

(72) **GRASSO, Albert, P.**; 25 Hayes Drive, Vernon, CT 06066 (US).

(74) **CRENSHAW, Henry, T., Jr.**; International Fuel Cells, LLC, 195 Governor's Highway, MS 601-03, South Windsor, CT 06074 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ H01M 4/02, 4/04, 10/40

(11) **WO 02/41416** (13) A2

(21) PCT/US01/31019

(22) **3 Oct/oct 2001 (03.10.2001)**

(25) en (26) en

(30) 09/713,997 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COATED LITHIUM ELECTRODES
• ELECTRODES REVETUES DE LITHIUM

(71) **POLYPLUS BATTERY COMPANY** [US/US]; 2431 5th Street, Suite B, Berkeley, CA 94710 (US).

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

(72, 75) **CHU, May-Ying** [US/US]; 6471 Woodbine Avenue, Philadelphia, PA 19151 (US). **NIMON, Yevgeniy, S.** [RU/US]; 1300 Creekside Drive, Apt. 206, Walnut Creek, CA 94596 (US). **VISCO, Steven, J.** [US/US]; 546 Arlington Avenue, Berkeley, CA 94707 (US).

(74) **AUSTIN, James, E.**; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 4/04, 4/62, 4/86, 4/48, 4/58, C01B 13/14, C01G 33/00, 23/00, B22F 1/00

(11) **WO 02/41417** (13) A1

(21) PCT/EP01/13397

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 00811081.9 **15 Nov/nov 2000 EP (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MESOPOROUS ELECTRODES FOR ELECTROCHEMICAL DEVICES AND THEIR PRODUCTION

• ELECTRODES MESOPOREUSES POUR DISPOSITIFS ELECTROCHIMIQUES, ET PROCEDE DE PRODUCTION

(71) **XOLIOX S.A.** [CH/CH]; Parc Scientifique, PSE-B, CH-1024 Ecublens (CH).

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

(72, 75) **SUGNAUX, François, R.** [CH/CH]; Chemin du Taux 9, CH-1807 Blonay (CH).

(74) **DUFFY, Assumpta** 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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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Declarations / Déclarations :

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(51)⁷ H01M 4/32

(11) **WO 02/41418** (13) A1

(21) PCT/US00/31595

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • NICKEL POSITIVE ELECTRODE MATERIAL COMPRISING RARE EARTH MINERALS

• MATERIAU AU NICKEL POUR ELECTRODE POSITIVE COMPORTANT DES MINERAUX DE TERRES RARES

(71) **OVONIC BATTERY COMPANY, INC.** [US/US]; 1707 Northwood, Troy, MI 48084 (US).

(72) **OVSHINSKY, Stanford, R.**; 2700 Squirrel Road, Bloomfield Hills, MI 48304 (US). **AL-ADJOV, Boyko**; 1415 Briens Way, Rochester Hills, MI 48307 (US). **VENKATESAN, Srinivasan**; 30115 Woodgate Drive, Southfield, MI 48076 (US). **DHAR, Subhash, K.**; 1978 Long Lake Shores, Bloomfield Hills, MI 48302 (US).

(74) **SCHLAZER, Philip, H.** et al. / etc.; Energy Conversion Devices, Inc., 1675 W. Maple Road, Troy, MI 48084 (US).

(81) AU BR CN IN JP KR MX RU SG UA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01M 4/58, 4/02, 10/40

(11) **WO 02/41419** (13) A1

(21) PCT/JP01/10081

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) ja (26) ja

(30) 2000-352126 **20 Nov/nov 2000 JP (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • NONAQUEOUS ELECTROLYTE SECONDARY CELL AND POSITIVE ELECTRODE ACTIVE MATERIAL

• CELLULE SECONDAIRE ELECTROLYTIQUE NON AQUEUSE ET MATERIAU ACTIF D'ELECTRODE POSITIVE

(71) **CHUO DENKI KOGYO CO., LTD.** [JP/JP]; 272, Taguchi, Myokokogenmachi, Nakakubiki-gun, Niigata 949-2193 (JP).

JAPAN STORAGE BATTERY CO., LTD. [JP/JP]; 1, Inobabacho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMATO, Koji** [JP/JP]; 250-8, Taguchi, Myokokogenmachi, Nakakubiki-gun, Niigata 949-2106 (JP).

HAYASHI, Koji [JP/JP]; 1007-2, Taguchi, Myokokogenmachi, Nakakubiki-gun, Niigata 949-2106 (JP).

KITAMURA, Hajime [JP/JP]; 765, Furumi, Shimanomachi, Kamiminochi-gun, Nagano 389-1302 (JP).

MIYASHITA, Takahiro [JP/JP]; 1251, Futamata, Myokokogenmachi, Nakakubiki-gun, Niigata 949-2101 (JP).

NARUOKA, Yoshinori [JP/JP]; 1-14-402, Nakakuzecho, Kuze, Minami-ku, Kyoto-shi, Kyoto 601-8213 (JP).

TORIYAMA, Junichi [JP/JP]; 33-23, Higashidaicho, Kawashima, Nishikyo-ku, Kyoto-shi, Kyoto 615-8101 (JP).

TERASAKI, Masanao [JP/JP]; 32-27, Mukaihata, Teradocho, Muko-shi, Kyoto 617-0002 (JP).

(74) **HIROSE, Shoichi**; Tozan Building, 4-2, Nihonbashi Honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01M 4/58, 4/02, 10/40**

(11) **WO 02/41420** (13) A1

(21) PCT/JP01/09710

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) ja (26) ja

(30) 2000-351280 **17 Nov/nov 2000 (17.11.2000)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • NONAQUEOUS LITHIUM SECONDARY CELL

• CELLULE SECONDAIRE DE LITHIUM NON AQUEUX

(71) **KANSAI RESEARCH INSTITUTE, INC.** [JP/JP]; 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

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

(72, 75) **KINOSHITA, Hajime** [JP/JP]; c/o KANSAI RESEARCH INSTITUTE, INC., 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP). **YATA, Shizukuni** [JP/JP]; c/o KANSAI RESEARCH INSTITUTE, INC., 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (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 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

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

(51)⁷ **H01M 4/86**

(11) **WO 02/41421** (13) A1

(21) PCT/US01/43809

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/714,094 **16 Nov/nov 2000 (16.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • FLOODING-REDUCING FUEL CELL ELECTRODE

• ELECTRODE DE CELLULE ELECTROCHIMIQUE PERMETTANT DE REDUIRE LES DEBORDEMENTS

(71) **GRAFTECH INC.** [US/US]; 11709 Madison Avenue, Lakewood, OH 44107 (US).

(72) **MERCURI, Robert, Angelo**; 1007 East Decker Drive, Seven Hills, OH 44131 (US). **KRASSOWSKI, Daniel**; 13049 East Heather Lane, Columbia Township, OH 44028 (US).

(74) **CARTIGLIA, James, R.**; Graftech Inc., Suite 1100, 3102 West End Avenue, Nashville, TN 37203 (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 SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

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

(51)⁷ **H01M 6/06, 4/06, 4/08, 4/52, 4/62**

(11) **WO 02/41422** (13) A1

(21) PCT/JP01/10050

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-351812 **17 Nov/nov 2000 (17.11.2000)** JP

(30) 2000-367041 **1 Dec/déc 2000 (01.12.2000)** JP

(30) 2001-64773 **8 Mar/mar 2001 (08.03.2001)** JP

(30) 2001-199752 **29 Jun/juin 2001 (29.06.2001)** JP

(30) 2001-199753 **29 Jun/juin 2001 (29.06.2001)** JP

(30) 2001-199759 **29 Jun/juin 2001 (29.06.2001)** JP

(30) 2001-199761 **29 Jun/juin 2001 (29.06.2001)** JP

(30) 2001-310323 **5 Oct/oct 2001 (05.10.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • ENCLOSED NICKEL-ZINC PRIMARY BATTERY, ITS ANODE AND PRODUCTION METHODS FOR THEM

• PILE PRIMAIRE FERMEE DE NICKEL-ZINC, SON ANODE ET LEURS PROCÉDES DE FABRICATION

(71) **TOSHIBA BATTERY CO., LTD.** [JP/JP]; 4-10, Minamishinagawa 3-chome, Shinagawa-ku, Tokyo 140-0004 (JP).

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

(72, 75) **MIYAMOTO, Kunihiko** [JP/JP]; 207, 28-1, Nakakasai 1-chome, Edogawa-ku, Tokyo 134-0083 (JP). **IRIE, Shuichiro** [JP/JP]; 907, 21-1, Miyamoto-cho 1-chome, Minami-ku, Yokohama-shi, Kanagawa 232-0016 (JP). **MIYAMOTO, Shinichi** [JP/JP]; 101, 14-5, Taishido 4-chome, Setagaya-ku, Tokyo 154-0004 (JP). **HADANO, Naomi** [JP/JP]; 301, 13-33, Shiratori 4-chome, Katsushika-ku, Tokyo 125-0063 (JP). **OKAYAMA, Teiji** [JP/JP]; A203, 242-2, Fujiduka-cho, Takasaki-shi, Gunma 370-0875 (JP).

(74) **MATSUYAMA, Masayuki**; Room301 YOKOHAMA WEST BLDG., 27-9, Kusunoki-cho, Nishi-ku, Yokohama-shi, Kanagawa 220-0003 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **H01M 8/02**

(11) **WO 02/41423** (13) A2

(21) PCT/EP01/13092

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) de (26) de

(30) 100 56 538.7 **15 Nov/nov 2000 (15.11.2000)** DE

(30) 100 60 052.2 **2 Dec/déc 2000 (02.12.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • ELECTROLYTE MATRIX, ESPECIALLY FOR A MOLTEN CARBONATE FUEL CELL, AND METHOD FOR PRODUCING THE SAME

• MATRICE ELECTROLYTIQUE, DESTINEE NOTAMMENT A UNE PILE A COMBUSTIBLE A CARBONATE FONDU, ET SON PROCEDE DE FABRICATION

(71) **MTU FRIEDRICHSHAFEN GMBH** [DE/DE]; 88040 Friedrichshafen (DE).

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

(72, 75) **FRIEDRICH, Mike** [DE/DE]; Hochfellnstraße 13, 84427 St. Wolfgang (DE).

(74) **WINTER, Josef**; MTU Friedrichshafen GmbH, Patentabteilung ZJXP, 88040 Friedrichshafen (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for all designations / pour toutes les désignations

(51)⁷ **H01M 8/02, 4/86, 8/12**

(11) **WO 02/41424** (13) A1

(21) PCT/JP01/09986

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-349435 **16 Nov/nov 2000 (16.11.2000)** JP

(30) 2000-371941 **6 Dec/déc 2000 (06.12.2000)** JP

(30) 2001-1388 **9 Jan/jan 2001 (09.01.2001)** JP

(30) 2001-303058 **28 Sep/sep 2001 (28.09.2001)** JP

(30) 2001-341529 **7 Nov/nov 2001 (07.11.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • SOLID ELECTROLYTE TYPE FUEL CELL AND AIR ELECTRODE COLLECTOR FOR USE THEREIN

- PILE A COMBUSTIBLE DU TYPE A ELECTROLYTE SOLIDE ET COLLECTEUR A ELECTRODE OXYDO-REDUCTRICE A UTILISER DANS CETTE PILE

(71) MITSUBISHI MATERIALS CORPORATION [JP/JP]; 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

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

(72, 75) AKIKUSA, Jun [JP/JP]; c/o Mitsubishi Materials Corporation, 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-0004 (JP). HOSHINO, Koji [JP/JP]; c/o Mitsubishi Materials Corporation, 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(74) SHIMIZU, Chiharu et al. / etc.; 4th Floor, Nakagin-Shiroyama Bldg., 16-13, Ginza 8-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01M 8/04

(11) WO 02/41425 (13) A2

(21) PCT/EP01/13089

(22) 13 Nov/nov 2001 (13.11.2001)

(25) de (26) de

(30) 100 56 536.0 15 Nov/nov 2000 DE (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • FUEL CELL ASSEMBLY

- ENSEMBLE DE PILES A COMBUSTIBLES

(71) MTU FRIEDRICHSHAFEN GMBH [DE/DE]; 88040 Friedrichshafen (DE).

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

(72, 75) STEINFORT, Marc [DE/DE]; Lindenstrasse 23, 85737 Ismaning (DE).

(74) WINTER, Josef; MTU Friedrichshafen GmbH, Patentabteilung ZJXP, 88040 Friedrichshafen (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for all designations / pour toutes les désignations

(51)⁷ H01M 8/04

(11) WO 02/41426 (13) A1

(21) PCT/FR01/03360

(22) 29 Oct/oct 2001 (29.10.2001)

(25) fr (26) fr

(30) 00/14654 14 Nov/nov 2000 FR (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND INSTALLATION FOR BLOWING OUT WATER IN A FUEL CELL HYDROGEN CIRCUIT

- PROCEDE ET INSTALLATION DE PURGE DE L'EAU DANS LE CIRCUIT HYDROGENE D'UNE PILE A COMBUSTIBLE

(71) L'AIR LIQUIDE, SOCIETE ANONYME 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) CHARLAT, Pierre [FR/FR]; 86 allée du Marais, F-38250 Lans En Vercors (FR).

(74) LE MOENNER, Gabriel et al. / etc.; L'Air Liquide SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01M 8/04

(11) WO 02/41427 (13) A1

(21) PCT/FR01/03516

(22) 12 Nov/nov 2001 (12.11.2001)

(25) fr (26) fr

(30) 00/14652 14 Nov/nov 2000 FR (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR RECOVERING WATER PRODUCED BY A FUEL CELL

- PROCEDE ET DISPOSITIF DE RECUPERATION DE L'EAU PRODUITE PAR UNE PILE A COMBUSTIBLE

(71) L'AIR LIQUIDE, SOCIETE ANONYME 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) CHARLAT, Pierre [FR/FR]; 86 allée du Marais, F-38205 Lans En Vercors (FR). BOUDIERE, Gérard [FR/FR]; 2 Hameau des Fourmières, F-38500 Labuisse (FR).

(74) LE MOENNER, Gabriel et al. / etc.; L'Air Liquide SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) AE AG AL AU BA BB BG BR BZ CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TT UA US UZ VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ H01M 8/04

(11) WO 02/41428 (13) A1

(21) PCT/US01/44796

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/249,098 15 Nov/nov 2000 US (15.11.2000)

(30) 09/992,272 14 Nov/nov 2001 US (14.11.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MULTIPURPOSE REVERSIBLE ELECTROCHEMICAL SYSTEM

- SYSTEME ELECTROCHIMIQUE REVERSIBLE A PLUSIEURS USAGES

(71) TECHNOLOGY MANAGEMENT, INC. [US/US]; 9718 Lakeshore Boulevard, Cleveland, OH 44108 (US).

(72) RUHL, Robert, C.; 2276 Chatfield Drive, Cleveland Heights, OH 44106 (US).

(74) HOCHBERG, Peter, D.; D. Peter Hochberg Co., L.P.A., 6th Floor, 1940 East 6th Street, Cleveland, OH 44114 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 8/10, C08J 5/22

(11) WO 02/41429 (13) A1

(21) PCT/CH01/00666

(22) 14 Nov/nov 2001 (14.11.2001)

(25) de (26) de

(30) 2346/00 20 Nov/nov 2000 CH (20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR THE ASSEMBLY OF A POLYMER MEMBRANE IN A FUEL CELL

- PROCEDE DE MONTAGE D'UNE MEMBRANE EN POLYMERE DANS UNE PILE A COMBUSTIBLE

(71) INSTITUT FÜR MECHANISCHE SYSTEME [—/CH]; Meier, Markus, ETHZ, Tannenstr. 3 CLA, CH-8092 Zürich (CH).

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

(72, 75) RUGE, Martin [DE/CH]; c/o Institut für mechanische Systeme, ETHZ, Tannenstr. 3 CLA E31, CH-8092 Zürich (CH).

(74) STUMP, Beat; In der Fadmatt 60, CH-8902 Urdorf (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01M 8/10, 8/24

(11) WO 02/41430 (13) A2

(21) PCT/DE01/04266

- (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) de (26) de
 (30) 100 57 071.2 **17 Nov/nov 2000 DE (17.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • FUEL CELL SYSTEM
 • ENSEMBLE PILE A COMBUSTIBLE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). **EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH** [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GROSSE, Joachim** [DE/DE]; In der Reuth 126, 91056 Erlangen (DE). **POP-PINGER, Manfred** [DE/DE]; Ruhsteinweg 5, 91080 Uttenreuth (DE). **BRÜCK, Rolf** [DE/DE]; Fröbelstrasse 12, 51429 Bergisch Gladbach (DE). **REIZIG, Meike** [DE/DE]; Heisterer Strasse 3a, 53579 Erpel (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 8/10**
 (11) **WO 02/41431** (13) A2
 (21) PCT/GB01/04804
 (22) **30 Oct/oct 2001 (30.10.2001)**
 (25) en (26) en
 (30) 0027728.5 **14 Nov/nov 2000 GB (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • SYSTEM FOR THE HUMIDIFICATION OF POLYMER ELECTROLYTE MEMBRANE FUEL CELLS
 • SYSTEME D'HUMIDIFICATION POUR PILES A COMBUSTIBLE A MEMBRANE POLYMERE
- (71) **QINETIQ LIMITED** [GB/GB]; Cody Technology Park, IP Formalities, A4 Building, Ively Road, Farnborough, Hants GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GREEN, Kevin, John** [GB/GB]; QinetiQ Haslar, ES Building, Gosport, Hampshire PO12 2AG (GB). **FREEMAN, Michael, John** [GB/GB]; QinetiQ Haslar, Building E, Room Lab 1, Gosport, Hampshire PO12 2AG (GB). **SLEE, William, Ranulf** [GB/GB]; QinetiQ Haslar, ES Building, Gosport, Hampshire PO12 2AG (GB).
- (74) **LOWTHER, Deborah, Jane**; QinetiQ Limited, IP Formalities, Ively Road, Farnborough, Hants GU14 0LX (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **H01M 8/10, 4/86**
 (11) **WO 02/41432** (13) A1
 (21) PCT/US01/16979
 (22) **25 May/mai 2001 (25.05.2001)**
 (25) en (26) en
 (30) 2000-346526 **14 Nov/nov 2000 JP (14.11.2000)**
 (30) 2000-384120 **18 Dec/déc 2000 JP (18.12.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • CROSS-REFERENCE TO RELATED APPLICATIONS
 • REFERENCE CROISEE A DES APPLICATIONS CONNEXES
- (71) **FULLERENE USA, INC.** [US/US]; 867 South Atlantic Boulevard, Monterey Park, CA 91754 (US).
- (72) **KAWAMURA, Naotake**; 3-12-2, Nishi, Takaido, Suginami-ku, Tokyo (JP). **INOUE, Ken, K.**; 1977 Magnolia Drive, Monterey Park, CA 91755 (US). **OTA, Kazuhide**; c/o Toyota Motor Corporation, 1 Toyota-cho, Toyota-chi, Aichi (JP).
- (74) **PEREZ, Ronald, E.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H01M 8/12, C04B 35/50, H01B 1/08**
 (11) **WO 02/41434** (13) A1
 (21) PCT/DK01/00734
 (22) **8 Nov/nov 2001 (08.11.2001)**
 (25) en (26) en
 (30) PA 2000 01703 **14 Nov/nov 2000 DK (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • CONDUCTIVE MATERIAL COMPRISING AT LEAST TWO PHASES
 • MATERIAU CONDUCTEUR COMPOSANT AU MOINS DEUX PHASES
- (71) **FORSKNINGSCENTER RISØ** [DK/DK]; Frederiksborgvej 399, P.O. Box 49, DK-4000 Roskilde (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HANSEN, Jesper, Rømer** [DK/DK]; Danshøjvej 5, 1.tv., DK-2500 Valby (DK). **LARSEN, Peter, Halvor** [DK/DK]; Risø Hue 13, DK-4000 Roskilde (DK). **MØGENSEN, Mogens, Bjerg** [DK/DK]; Krogenlundvej 10, DK-3540 Lyne (DK). **HENDRIKSEN, Peter, Vang** [DK/DK]; Kulsvierhuse 17, DK-3400 Hillerød (DK).
- (74) **CHAS. HUDE A/S**; H.C. Andersens Boulevard 33, DK-1780 Copenhagen V (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).
- (72) **REN, Xiaoming**; 340 44th Street, Los Alamos, NM 87544 (US). **GOTTESFELD, Shimshon**; 625 Paige Loop, Los Alamos, NM 87544 (US).
- (74) **WILSON, Ray, G.** et al. / etc.; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).

- (51)⁷ **H01M 8/24, 8/02, 4/86, 8/10**
(11) **WO 02/41435** (13) A2
(21) PCT/EP01/13088
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) de (26) de
(30) 100 56 535.2 **15 Nov/nov 2000 DE (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● CELL ASSEMBLY FOR AN ELECTRO-CHEMICAL ENERGY CONVERTER AND METHOD FOR PRODUCING SUCH A CELL ASSEMBLY
● ENSEMBLE DE PILES POUR CONVERTISSEUR D'ENERGIE ELECTROCHIMIQUE ET PROCEDE DE FABRICATION DUDIT ENSEMBLE
(71) **MTU FRIEDRICHSHAFEN GMBH** [DE/DE]; 88040 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **STEINFORT, Marc** [DE/DE]; Lindenstrasse 23, 85737 Ismaning (DE). **BED-NARZ, Marc** [DE/DE]; Walleitner Weg 18, 82024 Taufkirchen (DE).
(74) **WINTER, Josef**; MTU Friedrichshafen GmbH, Patentabteilung ZJXP, 88040 Friedrichshafen (DE).
(81) CA JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for all designations / pour toutes les désignations

- (51)⁷ **H01M 8/24, 8/02, 8/04**
(11) **WO 02/41436** (13) A2
(21) PCT/EP01/13091
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) de (26) de
(30) 100 56 534.4 **15 Nov/nov 2000 DE (15.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● FUEL CELL ASSEMBLY
● ENSEMBLE DE PILES A COMBUSTIBLE
(71) **MTU FRIEDRICHSHAFEN GMBH** [DE/DE]; 88040 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **STEINFORT, Marc** [DE/DE]; Lindenstrasse 23, 85737 Ismaning (DE). **BED-NARZ, Marc** [DE/DE]; Walleitner Weg 18, 82024 Taufkirchen (DE).
(74) **WINTER, Josef**; MTU Friedrichshafen GmbH, Patentabteilung ZJXP, 88040 Friedrichshafen (DE).
(81) CA JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA JP EP (AT BE CH

CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(t) for the following designations / pour les désignations suivantes : CA JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

- (51)⁷ **H01M 10/38**
(11) **WO 02/41437** (13) A1
(21) PCT/KR01/00083
(22) **18 Jan/jan 2001 (18.01.2001)**
(25) en (26) en
(30) 2000/69001 **20 Nov/nov 2000 KR (20.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● METHOD FOR FABRICATING LITHIUM RECHARGEABLE BATTERY AND ELECTRODE TAP THEREFOR
● PROCEDE DE FABRICATION D'UNE BATTERIE AU LITHIUM RECHARGEABLE ET PRISE ELECTRODE POUR LA MISE EN OEUVRE DUDIT PROCEDE
(71) **E SQUARE TECHNOLOGIES CO., LTD.** [KR/KR]; 7f, 76-5 Chungdam-dong, Kangnam-ku, Seoul 135-100 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NAM, Sang-Gwun** [KR/KR]; 301-1804 Hyundai Apt., Hyangchon, Shinbang-dong, Chunan-city, Chungchungnam-do 330-260 (KR).
(74) **MOON, Seung-Young**; 402 Teheran Building, 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-934 (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁷ **H01M 10/42**
(11) **WO 02/41438** (13) A1
(21) PCT/CN01/01562
(22) **16 Nov/nov 2001 (16.11.2001)**
(25) zh (26) zh
(30) 00 1 30804.1 **16 Nov/nov 2000 CN (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● CHARGER-FREE BATTERY FOR MOBILE TELEPHONE
● BATTERIE POUR TELEPHONE PORTABLE SANS CHARGEUR
(71, 72) **CHEN, Yuanhong** [CN/CN]; Room 203, 17 Shi Ba Pu Xin Street, Li Wan District, Guangzhou, Guangdong 510140 (CN).
(74) **CHINA PATENT AGENT (H.K.) LIMITED**; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **H01N 73/04, H01H 1/32**
(11) **WO 02/41439** (13) A1
(21) PCT/EP01/12703
(22) **2 Nov/nov 2001 (02.11.2001)**
(25) de (26) de
(30) 100 56 820.3 **16 Nov/nov 2000 DE (16.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● CONTACT ARRANGEMENT FOR CURRENT-LIMITING PROTECTIVE CIRCUIT BREAKERS
● DISPOSITIF DE CONTACT POUR DISJONCTEURS DE PROTECTION LIMITEURS DE COURANT
(71) **MOELLER GMBH** [DE/DE]; Hein-Moeller-Str. 7-11, 53115 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HEINS, Volker** [DE/DE]; Am Reuterpfad 17, 53359 Rheinbach (DE). **BÖDER, Franz** [DE/DE]; Ermlandstr. 7, 53506 Ahrbrück (DE). **DEDENBACH, Guido** [DE/DE]; Hofstr. 7, 53175 Bonn (DE).
(74) **MOELLER GMBH**; Hein-Moeller-Str. 7-11, 53115 Bonn (DE).
(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ **H01P 1/02**
(11) **WO 02/41440** (13) A1
(21) PCT/JP01/09888
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) ja (26) ja
(30) 2000-346483 **14 Nov/nov 2000 JP (14.11.2000)**
(43) 23 May/mai 2002 (23.05.2002)
(54) ● COAXIAL PIPE ELBOW AND METHOD OF MANUFACTURING THE PIPE ELBOW
● COUDE DE TUYAU COAXIAL ET PROCEDE DE FABRICATION DUDIT COUDE DE TUYAU
(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). **KOYAMA, Koji** [JP/JP]; c/o KOYAMA SEISAKUSYO, 655-3, Ikejiri-cho, Kishiwada-shi, Osaka 596-0813 (JP). **SANWA TRADING CO., LTD.** [JP/JP]; 2-4, Isobe-dori 3-chome, Chuo-ku, Kobe-shi, Hyogo 651-0084 (JP).

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

(72, 75) **HIGUCHI, Tadashi** [JP/JP]; c/o Osaka Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-8511 (JP). **TSUCHIZAKI, Yoshio** [JP/JP]; c/o Osaka Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-8511 (JP). **TAKANO, Toyohisa** [JP/JP]; c/o Osaka Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-8511 (JP). **NAGASAWA, Motokazu** [JP/JP]; c/o SUMIDEN ASAHI INDUSTRIES, LTD., 2-2, Kitagawara Aza-tohda, Itami-shi, Hyogo 664-0837 (JP). **RYOMA, Masao** [JP/JP]; c/o KOYAMA SEISAKUSYO, 655-3, Ikejiri-cho, Kishiwada-shi, Osaka 596-0813 (JP). **HARIMA, Hiroshi** [JP/JP]; c/o SANWA TRADING CO., LTD., 2-4, Isobe-dori 3-chome, Chuo-ku, Kobe-shi, Hyogo 651-0084 (JP).

(74) **FUKAMI, Hisao** et al. / etc.; Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) AU CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01P 1/203**

(11) **WO 02/41441** (13) A1

(21) PCT/US01/47049

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 60/248,479 **14 Nov/nov 2000 US (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **HYBRID RESONATOR MICROSTRIP LINE FILTERS**
• **FILTRES RESONATEURS HYBRIDES A MICROBANDES**

(71) **PARATEK MICROWAVE, INC.** [US/US]; 6935-N Oakland Mills Road, Columbia, MD 21045 (US).

(72) **ZHU, Yongfei**; Suite 6, 5275 Rivendell Lane, Columbia, MD 21044 (US).

(74) **LENART, Robert, P.**; Pietragallo, Bosick & Gordon, One Oxford Centre, 38th Floor, 301 Grand Street, Pittsburgh, PA 15219 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **H01P 5/12, H03F 3/60, H01Q 3/26**

(11) **WO 02/41442** (13) A1

(21) PCT/SE01/02562

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) sv (26) en

(30) 0004242-4 **20 Nov/nov 2000 SE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **RECONFIGURABLE BROADBAND ACTIVE POWER SPLITTER, DITTO POWER COMBINER AND DITTO BIDIRECTIONAL POWER SPLITTER/POWER COMBINER AND CIRCUITS BASED ON THESE**

• **REPARTITEUR D'ENERGIE ACTIF LARGE BANDE RECONFIGURABLE, COMBINATEUR DE PUISSANCE DITTO ET REPARTITEUR D'ENERGIE BIDIRECTIONNEL DITTO/COMBINATEUR DE PUISSANCE ET CIRCUITS BASES SUR CES DISPOSITIFS**

(71) **TOTALFÖRSVARETS FORSKNINGSTITUT** [SE/SE]; S-172 90 Stockholm (SE).

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

(72, 75) **OUACHA, Aziz** [SE/SE]; Mel-långårdsvägen 8, S-597 92 Ätvidaberg (SE).

(74) **FÖRSVARETS MATERIELVERK**; Patentenheten, S-115 88 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01Q**

(11) **WO 02/41443** (13) A2

(21) PCT/US01/45679

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) en (26) en

(30) 09/703,247 **31 Oct/oct 2000 US (31.10.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **WIDEBAND PHASED ARRAY ANTENNA AND ASSOCIATED METHODS**

• **ANTENNE RESEAU A DEPHASAGE ET BANDE LARGE, ET PROCEDES CONNEXES**

(71) **HARRIS CORPORATION** [US/US]; 1025 W. Nasa Blvd., Melbourne, FL 32919 (US).

(72) **TAYLOR, Robert**; 2990 Ontario Circle, Melbourne, FL 32935 (US). **MUNK, Benedikt**; 4914 Olenarty Road, Columbus, OH 43214 (US). **DURHAM, Timothy**; 170 Dickinson Street, Palm Bay, FL 32907 (US).

(74) **NIYOGLI, Bidyut, K.**; Transnational Enterprises, Inc., 95 Bulldog Blvd., Suite #207, Melbourne, FL 32901 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **H01Q 1/12, 1/24, E04H 12/22, H05K 7/20, H04B 1/036**

(11) **WO 02/41444** (13) A1

(21) PCT/ZA01/00178

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 2000/6752 **20 Nov/nov 2000 ZA (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **COMMUNICATIONS MAST ASSEMBLY**
• **ASSEMBLAGE DE MAT DE COMMUNICATIONS**

(71) **MERGENT TECHNOLOGIES (PTY) LIMITED** [ZA/ZA]; 5 Bellingham Street, Centurion, 0157 Pretoria (ZA).

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

(72, 75) **SCHAEFER, Wolfgang, Michael, Franz** [ZA/ZA]; 5 Bellingham Street, Centurion, 0157 Pretoria (ZA). **DU PLESSIS, Daniël, Jacobus** [ZA/ZA]; 800 Crots Street, Rietfontein, 0084 Pretoria (ZA). **DELPOR, Paul, Jacobus** [ZA/ZA]; 117 Graaf Street, Sonneveld, 1541 Brakpan (ZA). **SCHWENKE, Dirk, Cornelius** [ZA/ZA]; 639 Pirokseen Street, Elardus Park, 0181 Pretoria (ZA).

(74) **LE ROUX, Marius**; D.M. Kisch Inc., P.O. Box 781218, 2146 Sandton (ZA).

(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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/38**(11) **WO 02/41445** (13) A1

(21) PCT/US01/46169

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/249,309 **16 Nov/nov 2000** US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **LOW CROSS-POLARIZATION MICROSTRIP PATCH RADIATOR**

- **ELEMENT RAYONNANT PLAQUE MICRORUBANS A FAIBLE POLARISATION CROISEE**

(63) US 60/249,309 (CON)
16 Nov/nov 2000 (16.11.2000)(71) **ARC WIRELESS SOLUTIONS, INC.** [US/US]; Suite 101, 4860 Robb Street, Wheat Ridge, CO 80033-2163 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **LOVESTREAD, Raymond, L.** [US/US]; 2300 South Rock Creek Parkway, Apartment 28-104, Superior, CO 80027 (US).(74) **LEWIS, Ancel, W., Jr.**; Suite 230, 5575 DTC Parkway, Greenwood Village, CO 80111-3016 (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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01Q 13/02, G01S 13/10, G01F 23/284, H01Q 1/22, 19/08**(11) **WO 02/41446** (13) A1

(21) PCT/EP01/13360

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) de (26) de

(30) 100 57 441.6 **20 Nov/nov 2000** DE
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **HORN ANTENNA FOR A RADAR DEVICE**

- **ANTENNE CORNET POUR APPAREIL RADAR**

(71) **VEGA GRIESHABER KG** [DE/DE]; 77709 Wolfach (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **FEHRENBACH, Josef** [DE/DE]; Schlattstrasse 1, 77716 Haslach i. K. (DE). **GRIESSBAUM, Karl** [DE/DE]; Hauptstrasse 32, 77796 Mühlenbach (DE). **MOTZER, Jürgen** [DE/DE]; Bergach 17, 77723 Gengenbach (DE). **SCHULTHEISS, Daniel** [DE/DE]; Reichenbachertrasse 37, 78132 Hornberg (DE).(74) **PREUSS, Udo**; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 80335 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H01Q 15/00**(11) **WO 02/41447** (13) A1

(21) PCT/US01/31283

(22) **4 Oct/oct 2001 (04.10.2001)**

(25) en (26) en

(30) 09/713,119 **14 Nov/nov 2000** US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **A TEXTURED SURFACE HAVING HIGH ELECTROMAGNETIC IMPEDANCE IN MULTIPLE FREQUENCY BANDS**

- **SURFACE TEXTUREE POSSEDANT UNE IMPEDANCE ELECTROMAGNETIQUE ELEVEE DANS DES BANDES DE FREQUENCE MULTIPLES**

(63) US 09/713,119 (CON)
14 Nov/nov 2000 (14.11.2000)(71) **HRL LABORATORIES, LLC** [US/US]; 3011 Malibu Canyon Road, Malibu, CA 90265-4799 (US).

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

(72, 75) **SCHAFFNER, James, H.** [US/US]; 10560 Alabama Avenue, Chatsworth, CA 91311 (US). **SIEVENPIPER, Daniel** [US/US]; 11300 Exposition Boulevard, #215, Los Angeles, CA 90064 (US).(74) **BERG, Richard, P.** et al. / etc.; LADAS & PARRY, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H01Q 15/18, 15/14, 1/32**(11) **WO 02/41448** (13) A1

(21) PCT/GB01/05019

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 0027979.4 **16 Nov/nov 2000** GB
(16.11.2000)(30) 0103964.3 **19 Feb/fév 2001** GB
(19.02.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **REFLECTOR FOR ROAD VEHICLES**

- **REFLECTEUR POUR VEHICULES ROUTIERS**

(71) **ROKE MANOR RESEARCH LIMITED** [GB/GB]; Roke Manor, Old Salisbury Lane, Romsey, Hampshire SO51 0ZN (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **HARRIS, Gareth, Liam** [GB/GB]; 92A, Charlton Road, Southampton, Hampshire SO15 5EW (GB). **GARROD, Adrian, George** [GB/GB]; 5, Holkham Close, Southampton, Hampshire SO16 9NF (GB).(74) **FRENCH, Clive** et al. / etc.; Siemens Shared Services Limited, Siemens House, Oldbury, Bracknell, Berkshire RG12 8FZ (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 NO NZ PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01Q 21/00**(11) **WO 02/41449** (13) A2

(21) PCT/US01/51396

(22) **1 Nov/nov 2001 (01.11.2001)**

(25) en (26) en

(30) 60/245,009 **1 Nov/nov 2000** US
(01.11.2000)(30) Not furnished / non communiqué **31 Oct/oct 2001** US
(31.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • **COMBINATION DIRECTIONAL/OMNIDIRECTIONAL ANTENNA**

- **ANTENNE DIRECTIONNELLE/OMNIDIRECTIONNELLE COMBINEE**

(71) **ANDREW CORPORATION** [US/US]; 10500 W. 153rd Street, Orland Park, IL 60462 (US).(72) **JUDD, Mano, D.**; 316 Harbor Landing Drive, Rockwall, TX 75032 (US). **WEBB, David, B.**; 7730 Woodstone Lane, Dallas, TX 75248 (US). **VEIHL, Jonathan, C.**; 2709 Dunbar Drive, McKinney, TX 75070 (US).(74) **SUMME, Kurt, A.** 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 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 TR TT TZ UA UG UZ VN YU ZA ZW.

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

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01Q 21/08**

(11) **WO 02/41450** (13) A1

(21) PCT/SE01/02465

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 0004165-7 **14 Nov/nov 2000 SE (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **DUAL-BEAM ANTENNA APERTURE**
• **OUVERTURE D'ANTENNE A DOUBLE FAISCEAU**

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **WÄSTBERG, Bo, Gunnar**; Uppergårdsliden 28, S-426 69 Västra Frölunda (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **H01Q 21/26, 9/28**

(11) **WO 02/41451** (13) A1

(21) PCT/US01/44908

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/249,531 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **RADIO FREQUENCY ISOLATION CARD**
• **CARTE D'ISOLEMENT DE RADIO-FREQUENCES**

(71) **EMS TECHNOLOGIES, INC.** [US/US]; 660 Engineering Drive, Norcross, GA 30092 (US).

(72) **IPPOLITO, Joseph, R.**; 1308 Big Falls Drive, Flower Mound, TX 75028 (US).

(74) **WIGMORE, Steven, P.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **H01R 4/24, 12/16, 13/66**

(11) **WO 02/41452** (13) A1

(21) PCT/SE01/02056

(22) **25 Sep/sep 2001 (25.09.2001)**

(25) en (26) en

(30) 00124893.9 **15 Nov/nov 2000 EP (15.11.2000)**

(30) 60/252,898 **27 Nov/nov 2000 US (27.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **CONNECTOR**
• **CONNECTEUR**

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

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

(72) **ROOS, Sture, Gösta**; Lingonvägen 8, S-760 10 Bergshamra (SE).

(74) **ERICSSON TELECOM AB**; Patent Unit Service and Backbone Networks, S-126 25 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW.

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

(51)⁷ **H01R 12/04**

(11) **WO 02/41453** (13) A1

(21) PCT/EP01/13271

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 100 57 460.2 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **HOLDING ELEMENT FOR HOLDING A CARRIER BOARD**
• **ELEMENT DE RETENUE D'UNE CARTE DE SUPPORT**

(71) **TYCO ELECTRONICS AMP GMBH** [DE/DE]; Amperstrasse 12-14, 64625 Bensheim (DE).

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

(72, 75) **TEMPLIN, Frank** [DE/DE]; Schaidlerstrasse 11, 81379 Munich (DE). **MARTIN, Hans-Peter** [DE/DE]; Dammstrasse 17, 86807 Buchloe (DE). **REHNELT, Karl** [DE/DE]; Kleiberweg 8, 81249 Munich (DE).

(74) **HEINZ-SCHAEFER, Marion**; Tyco Electronics Logistics AG, Ampèrestrasse 3, CH-9323 Steinach (CH).

(81) CN JP US.

Published / Publiée : (c), (q1)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : CN JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ **H01R 13/24**

(11) **WO 02/41454** (13) A1

(21) PCT/EP01/00387

(22) **15 Jan/jan 2001 (15.01.2001)**

(25) de (26) de

(30) 200 19 641.3 **18 Nov/nov 2000 DE (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **CONTACTING DEVICE FOR ESTABLISHING AN ELECTRICALLY CONDUCTIVE CONNECTION**
• **DISPOSITIF DE CONNEXION POUR ETABLIR UNE CONNEXION ELECTROCONDUCTRICE**

(71, 72) **AMRHEIN, Herbert** [DE/DE]; Weingartweg 6, 74321 Bietigheim-Bissingen (DE). **ROTHE, Rainer** [DE/DE]; Bergstrasse 38, 78234 Engen (DE).

(74) **FLECK, Hermann-Josef**; Klingengasse 2, 71665 Vaihingen (DE).

(81) AU BR CA JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01R 13/453**

(11) **WO 02/41455** (13) A1

(21) PCT/AT01/00367

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) de (26) de

(30) GM 852/2000 **20 Nov/nov 2000 AT (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • **SAFETY ELEMENT FOR POWER SOCKETS**
• **ELEMENT DE SECURITE POUR FICHE FEMELLE**

(71) **PC ELECTRIC GES.M.B.H.** [AT/AT]; Diessseits 145, A-4973 St. Martin i.l. (AT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EHRlich, Robert** [AT/AT]; Karl-Loy-Strasse 24, A-4600 Wels (AT). **IRSIGLER, Thomas** [AT/AT]; Gregor Stangl Strasse 7c, A-4780 Schärding (AT).

(74) **KLIMENT, Peter**; Singerstrasse 8, A-1010 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 3/00

(11) WO 02/41456 (13) A2

(21) PCT/GB01/05033

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 0027895.2 15 Nov/nov 2000 GB (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • LASER DEVICES

• DISPOSITIFS LASER

(71) UNIVERSITY OF BRISTOL [GB/GB]; 3rd Floor, Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARINELLI, Claudio [GB/GB]; University of Bristol, 3rd Floor, Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).
RORISON, Judy, Megan [GB/GB]; University of Bristol, 3rd Floor, Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).
SARGENT, Laurence [GB/GB]; University of Bristol, 3rd Floor, Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).
PENTY, Richard [GB/GB]; University of Bristol, 3rd Floor, Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).
BORDOVSKY, Michal [GB/GB]; University of Bristol, 3rd Floor, Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).
WHITE, Ian, Hugh [GB/GB]; University of Bristol, 3rd Floor, Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).

(74) VIGARS, Christopher, Ian et al. / etc.; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 5/062, G11B 7/125

(11) WO 02/41457 (13) A1

(21) PCT/JP01/10049

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ja (26) ja

(30) 2000-351407 17 Nov/nov 2000 JP (17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CONTROL METHOD AND CONTROL DEVICE FOR LASER POWER OF SEMICONDUCTOR LASER AND RECORDING/REPRODUCING

METHOD AND RECORDING/REPRODUCING DEVICE FOR MAGNETOOPTIC RECORDING MEDIUM AND RECORDING/REPRODUCING METHOD AND RECORDING/REPRODUCING DEVICE FOR OPTICAL RECORDING MEDIUM

• PROCEDE ET DISPOSITIF DE COMMANDE DE PUISSANCE DE LASER A SEMI-CONDUCTEUR, PROCEDE ET DISPOSITIF D'ENREGISTREMENT/REPRODUCTION DE SUPPORT D'ENREGISTREMENT MAGNETO-OPTIQUE ET PROCEDE ET DISPOSITIF D'ENREGISTREMENT/REPRODUCTION DE SUPPORT D'ENREGISTREMENT OPTIQUE

(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) FUJIE, Kazuhiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
TAKESHITA, Yasuyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) MATSUKUMA, Hidemori; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(51)⁷ H02B

(11) WO 02/41458 (13) A2

(21) PCT/US01/45527

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/249,037 15 Nov/nov 2000 US (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • GUARD RAIL SUPPORT, ATTACHMENT, AND POSITIONING SPACER BLOCK

• CALE DE POSITIONNEMENT, DE FIXATION ET DE SUPPORT DE GLISSIERE DE SECURITE

(71, 72) KING, David, T. [US/US]; 160 Winterwood Drive, Elizabethtown, KY 42701 (US).

(74) CARRITHERS, David, W.; Carrithers Law Office, One Paragon Centre, Suite 140, 6060 Dutchman's Lane, Louisville, KY 40205 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02G 7/00, H02J 3/00

(11) WO 02/41459 (13) A1

(21) PCT/CA00/01348

(22) 14 Nov/nov 2000 (14.11.2000)

(25) fr (26) fr

(43) 23 May/mai 2002 (23.05.2002)

(54) • SWITCHING APPARATUS AND METHOD FOR VARYING A PHASE LINE IMPEDANCE OF AN ELECTRIC POWER TRANSPORT LINE SECTION

• APPAREIL ET METHODE DE COMMUNICATION POUR VARIER L'IMPEDANCE D'UNE LIGNE DE PHASE D'UN TRONÇON D'UNE LIGNE DE TRANSPORT D'ENERGIE ELECTRIQUE

(63) US 09/453,400 (CIP) 3 Dec/déc 1999 (03.12.1999)

(71) HYDRO-QHÉBEC [CA/CA]; 75, boulevard René-Lévesque ouest, Montréal, Québec H2Z 1A4 (CA).

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

(72, 75) COUTURE, Pierre [CA/CA]; 1027 Jean Bochart, Boucherville, Québec J4B 4A4 (CA).

(74) ROBIC; 55 rue St-Jacques, Montréal, Québec H2Y 3X2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H02H 9/00

(11) WO 02/41460 (13) A1

(21) PCT/US01/47145

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 09/712,433 14 Nov/nov 2000 US (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SURGE PROTECTED COAXIAL TERMINATION

• RACCORDEMENT COAXIAL PROTEGE CONTRE LA SURTENSION

(71) CORNING GILBERT INC. [US/US]; 5310 W. Camelback, Glendale, AZ 85301-7597 (US).

(72) KOOIMAN, John, A.; 7739 W. Eugie Avenue, Peoria, AZ 85381 (US).

(74) GLAZER, Marvin, A. et al. / etc.; Cahill, Sutton & Thomas, P.L.C., Suite 155, 2141 E. Highland Avenue, Phoenix, AZ 85016 (US).

(81) AU BR CA CN HU JP KR MX RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H02J

(11) WO 02/41461

(13) A2

(21) PCT/US01/46838

(22) 26 Oct/oct 2001 (26.10.2001)

(25) en (26) en

(30) 09/714,401 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • RAPID BATTERY CHARGER
• CHARGEUR D'ACCUS RAPIDE(71) RG TECHNOLOGY VENTURES, LLC
[US/US]; 1423 Winborn Circle, Kennesaw,
GA 30152 (US).(72) GRAYDON, C., Hansen; 1423 Winborn
Circle, Kennesaw, GA 30152 (US).(74) BOCKHOP, Bryan, W.; Bockhop & Reich,
LLP, 3235 Satellite Blvd., Bldg. 400, Suite
300, Duluth, GA 30096 (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 SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ H02J

(11) WO 02/41462

(13) A2

(21) PCT/US01/51248

(22) 29 Oct/oct 2001 (29.10.2001)

(25) en (26) en

(30) 60/244,090 27 Oct/oct 2000 US
(27.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • INVERTER DC LINK VOLTS "TOOTH"
MODULATION SCHEME
• SCHEMA DE MODULATION DE TEN-
SION "EN DENTS DE SCIE" D'UN LIEN
C.C. DE L'INVERSEUR(71) YOUTILITY INC. [US/US]; 11 Executive
Drive, PO Box 66, Hudson, NH 03051 (US).(72) WELCHES, Richard; 14 Hickory Drive,
Amherst, NH 03031 (US). GRIESSEL,
Richard; 74 Goodhue Road, Derry, NH
03038 (US). BECKEDAHL, Peter; 3 Rugby
Road, Nashua, NH 03063 (US). BOND,
Karl; 7 Easy Street, Hudson, NH 03051
(US).(74) ASMUS, Scott et al. / etc.; Maine & Asmus,
PO Box 3445, Nashua, NH 03061-3445 (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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FIFR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ H02J 3/00

(11) WO 02/41463

(13) A2

(21) PCT/IT01/00577

(22) 19 Nov/nov 2001 (19.11.2001)

(25) it (26) en

(30) CZ2000A000008 17 Nov/nov 2000 IT
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM FOR CORRECTING POWER
FACTOR AND HARMONICS PRESENT
ON AN ELECTRODUCT IN AN AC-
TIVE WAY AND WITH HIGH-DYNAM-
ICS• SYSTEME PERMETTANT DE CORRI-
GER, EN MODE ACTIF ET A L'AIDE
D'UNE DYNAMIQUE ELEVEE, LE
FACTEUR DE PUISSANCE ET LES
HARMONIQUES PRESENTES DANS
UNE CONDUITE ELECTRIQUE(71) EDP S.R.L. [IT/IT]; Via Alberto Serra, 22/A,
I-87100 Cosenza (IT).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FERRARO, Vincenzo [IT/IT]; Via
Leonida Repaci, 43, I-87036 Rende (IT).
FERRARO, Emilio [IT/IT]; Via Leonida
Repaci, 43, I-87036 Rende (IT).(74) PERROTTA, Aldo; Calpark S.p.A., Loc. S.
Stefano, I-87036 Rende (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 PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ H02J 7/00

(11) WO 02/41464

(13) A2

(21) PCT/IB01/02165

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 60/252,053 20 Nov/nov 2000 US
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • HIGH CAPACITY COMPACT POWER
SOURCE• SOURCE DE PUISSANCE COMPACTE
HAUTE CAPACITE(71) ELECTRIC FUEL (E.F.L.) LTD. [IL/IL];
Western Industrial Park, P.O.Box 641, 99000
Bet Shemesh (IL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SHRIM, Yaron [IL/IL]; 20/1 Mazel Shor
Street, 90805 Jerusalem (IL). GIVON, Men-
achem [IL/IL]; DN Hanegev, 85320 Kibbutz
Shoval (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
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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (q1)

(51)⁷ H02J 7/00

(11) WO 02/41465

(13) A2

(21) PCT/IB01/02169

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 60/252,053 20 Nov/nov 2000 US
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • HIGH CAPACITY COMPACT POWER
SOURCE AND CONTROL FEATURES• SOURCE D'ENERGIE COMPACTE
HAUTE CAPACITE ET CARACTERIS-
TIQUES DE COMMANDE(71) ELECTRIC FUEL (E.F.L.) LTD. [IL/IL];
Western Industrial Park, P.O.Box 641, 99000
Bet Shemesh (IL).(for all designated States except / pour tous
les États désignés sauf US)(71, 72) SHRIM, Yaron [IL/IL]; 20/1 Mazel Shor
Street, 90805 Jerusalem (IL). GIVON, Men-
achem [IL/IL]; DN Hanegev, 85320 Kibbutz
Shoval (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
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 TR TT TZ
UA UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (q1)

(51)⁷ H02J 7/00

(11) WO 02/41466

(13) A2

(21) PCT/US01/43753

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,990 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ADAPTIVE BATTERY CHARGING
BASED ON BATTERY CONDITION

- CHARGE APPLIQUEE A UNE BATTE-
RIE EN FONCTION DE SON ETAT
- (71) **ENREV POWER SOLUTIONS, INC.** [US/US]; 680 Engineering Drive, Suite 180, Norcross, GA 30092-2821 (US).
- (72) **FRIDMAN, Anatoliy**; 2925 Cedar Knoll Drive, Roswell, GA 30076 (US). **PO-DRAZHANSKY, Yury, M.**; 3778 Creekstone Drive, Norcross, GA 30092 (US).
- (74) **WARNER, Charles, L., II**; Troutman Sanders LLP, 600 Peachtree Street, NE, Suite 5200, Atlanta, GA 30308-2216 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H02J 7/32, 7/00**
- (11) **WO 02/41467** (13) A1
- (21) PCT/DE01/04049
- (22) **25 Oct/oct 2001 (25.10.2001)**
- (25) de (26) de
- (30) 100 56 525.5 **15 Nov/nov 2000 (15.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ENERGY SUPPLY DEVICE FOR MOBILE TERMINALS
- DISPOSITIF D'ALIMENTATION EN ENERGIE DESTINE A DES TERMINAUX MOBILES
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARETZ, Kurt** [DE/DE]; Märkische Strasse 36, 46419 Isselburg (DE). **TROKS, Werner** [DE/DE]; Wibbeltstrasse 2, 49549 Ladbergen (DE). **GRÖTING, Wolfgang** [DE/DE]; Egelsfurthstrasse 24, 46149 Oberhausen (DE). **KERN, Ralf** [DE/DE]; Hildegardisstrasse 1, 46399 Bocholt (DE). **TOLK, Michael** [DE/DE]; Kurfürstenstrasse 40b, 46399 Bocholt (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) CN JP US.
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : CN JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(u) for / pour US only / seulement
-
- (51)⁷ **H02K 1/00**
- (11) **WO 02/41468** (13) A2
- (21) PCT/DE01/04260
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) de (26) de
- (30) 100 56 879.3 **16 Nov/nov 2000 (16.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE AND METHOD FOR DETERMINING THE ELECTRICAL STARTING ROTOR ANGLE
- DISPOSITIF ET PROCÉDE PERMETTANT DE DETERMINER L'ANGLE DU ROTOR ELECTRIQUE AU DEMARRAGE
- (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) **KUNZ, Olaf** [DE/DE]; Siegfriedstrasse 53, 64689 Grasellenbach (DE). **FROEHLICH, Gerhard** [DE/DE]; Lorsche Weg 19, 70839 Gerlingen (DE). **BARINBERG, Viktor** [UA/DE]; Robert Bosch Strasse 3-5, 64711 Erbach (DE).
- (74) **THÜRER, Andreas**; Rexroth Indramat GmbH, Bgm.-Dr.-Nebel-Strasse 2, 97816 Lohr am Main (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/02**
- (11) **WO 02/41469** (13) A1
- (21) PCT/JP01/10034
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ja (26) ja
- (30) 2000-351396 **17 Nov/nov 2000 (17.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • POWER GENERATOR, ELECTRONIC APPARATUS COMPRISING IT, AND METHOD FOR SETTING PLATE THICKNESS OF MAGNETIC CIRCUIT IN ELECTRONICALLY CONTROLLED TIMEPIECE, AND IN POWER GENERATOR
- BLOC ÉLECTROGÈNE, APPAREIL ÉLECTRONIQUE EN ÉTANT POURVU, ET PROCÉDÉ POUR FIXER L'ÉPAISSEUR DE TÔLE D'UN CIRCUIT MAGNÉTIQUE DANS UN COMPTEUR DE TEMPS ÉLECTRONIQUEMENT RÉGULÉ ET DANS UN BLOC ÉLECTROGÈNE
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
- (72) **MATSUZAWA, Kinya**; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) **KINOSHITA, Jitsuzo** et al. / etc.; 3rd floor, Ogikubo TM building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H02K 1/12**
- (11) **WO 02/41470** (13) A1
- (21) PCT/CH00/00593
- (22) **7 Nov/nov 2000 (07.11.2000)**
- (25) de (26) de
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • STATOR FOR AN ELECTRIC MACHINE AND MACHINE WITH A STATOR OF THIS TYPE
- STATOR POUR MACHINE ELECTRIQUE ET MACHINE EQUIPEE D'UN TEL STATOR
- (71, 72) **LINDEGGER, Markus** [CH/CH]; Feldhöfli 1, CH-6012 Obernau (CH).
- (74) **OTTOW, Jens, M.**; Hug Interlizenz AG, Nordstrasse 31, CH-8035 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **H02K 1/27**
- (11) **WO 02/41471** (13) A1
- (21) PCT/DE01/04271
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) de (26) de
- (30) 100 56 875.0 **16 Nov/nov 2000 (16.11.2000)** DE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ROTOR FOR AN ELECTRIC MACHINE
- ROTOR POUR UNE 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) **BEYER, Stefan** [DE/DE]; Steinstr. 64, 77815 Buehl (DE). **HEIDRICH, Markus** [DE/DE]; Carl-Netter-Strasse 5b, 77815 Buehl (DE). **JACOB, Axel** [DE/DE]; Wandelinusstr. 28, 77815 Buehl (DE).
- (81) AU BR CN CZ JP KR MX PL US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)

- (51)⁷ **H02K 7/08, F16C 25/04, 25/08, H02K 5/167**
- (11) **WO 02/41472** (13) A1
(21) PCT/EP01/13198
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) de (26) de
- (30) 00125136.2 **17 Nov/nov 2000 EP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ARRANGEMENT FOR AXIAL SLACK COMPENSATION
• ENSEMBLE POUR COMPENSATION DE JEU AXIAL
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZAPS, Klaus** [DE/DE]; Kirchstr. 18, 97332 Volkach (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c), (q1)

- (51)⁷ **H02K 7/09**
- (11) **WO 02/41473** (13) A1
(21) PCT/US01/43766
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,464 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • INTEGRATED MAGNETIC BEARING
• PALIER MAGNETIQUE INTEGRE
- (71) **AIREX CORPORATION** [US/US]; Route 108, Dover, NH 03820 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CARROLL, David** [US/US]; 791 Province Road, Strafford, NH 03884 (US).
SEDGEWICK, James [US/US]; 11 Mallard Drive, York, ME 03909 (US).
- (74) **DRUCKER, Kevin, M.** et al. / etc.; Hayes, Soloway, Hennessey, Grossman & Hage, P.C., 130 W. Cushing Street, Tucson, AZ 85701 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **H02K 11/00, 16/00, 5/20**
- (11) **WO 02/41474** (13) A1
(21) PCT/GB01/04816

- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 0027806.9 **15 Nov/nov 2000 GB (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • LOW MAGNETIC SIGNATURE MOTOR SYSTEM
• SYSTEME DE MOTEUR A FAIBLE SIGNATURE MAGNETIQUE
- (71) **QINETIQ LIMITED** [GB/GB]; Cody Technology Park, IP Formalities, A4 Building, Ively Road, Farnborough, Hants GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KEENE, Mark, Nicholas** [GB/GB]; QinetiQ Malvern, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB).
TAKEL, Stephen, Ralph [GB/GB]; QinetiQ Bincleaves, Newtons Road, Weymouth, Dorset DT4 8UR (GB).
SHAW Peter George [GB/GB]; QinetiQ Bincleaves, Newtons Road, Weymouth, Dorset DT4 8UR (GB).
- (74) **KNIGHT, Sam**; QinetiQ Limited, IP Formalities, Ively Road, Farnborough, Hants GU14 0LX (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement

- (51)⁷ **H02K 19/28, 19/36, H02P 9/30**
- (11) **WO 02/41475** (13) A1
(21) PCT/EP01/13133
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) VI2000A000252 **15 Nov/nov 2000 IT (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • VOLTAGE REGULATOR FOR AN AC GENERATOR
• REGULATEUR DE TENSION POUR ALTERNATEUR
- (71, 72) **CARRARO, Diego** [IT/IT]; Via Forlanini 8, I-36100 Vicenza (IT).
- (71, 72) **MALESANI, Luigi** [IT/IT]; Via Antoniazzi 6, I-35126 Padova (IT).
(only for / seulement pour CA US)
- (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **H02K 29/00, F02N 11/04, 11/08**
- (11) **WO 02/41476** (13) A1
(21) PCT/JP01/09718
- (22) **7 Nov/nov 2001 (07.11.2001)**
- (25) ja (26) ja
- (30) 2000-350823 **17 Nov/nov 2000 JP (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • BRUSHLESS MULTIPHASE AC ELECTRIC MACHINE AND ITS ENERGIZATION CONTROLLER
• MACHINE ELECTRIQUE CA MULTIPHASEE SANS BALAIS ET SON ORGANE DE COMMANDE D'EXCITATION
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
- (72) **OTA, Atsuo**; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
ONOZAWA, Seiji; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
IKUI, Kuniaki; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) **TANAKA, Koju** et al. / etc.; Room 403, Famiil-Nishishinjuku, 3-23, Nishishinjuku 3-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) BR CO ES ID IN KR PH VN ZA.
- Published / Publiée : (b)

- (51)⁷ **H02K 49/10**
- (11) **WO 02/41477** (13) A1
(21) PCT/IB01/02187
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) PCT/CH00/00621 **20 Nov/nov 2000 CH (20.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR TRANSMITTING FORCE MAGNETICALLY
• PROCEDE ET DISPOSITIF DE TRANSMISSION MAGNETIQUE D'UNE FORCE
- (71) **PLANETENERGY LIMITED** [LI/LI]; Städtle 18, FL-9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHRÖTTER, Johannes** [DE/DE]; Planetenergy Limited, Städtle 18, FL-9490 Vaduz (LI).
- (74) **HASLER, Erich** et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestastrasse 8, CH-7310 Bad Ragaz (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 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 PL PT RO RU SD SE

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

(51)⁷ H02M

(11) WO 02/41478 (13) A2

(21) PCT/EP01/13143

(22) 12 Nov/nov 2001 (12.11.2001)

(25) en (26) en

(30) 09/713,972 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MULTIPLE VALLEY CONTROLLER
FOR SWITCHING CIRCUIT
• ORGANE DE COMMANDE DE POINTS
MINIMUMS MULTIPLES POUR CIR-
CUIT DE COMMUTATION

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

(72) LEE, Nai-Chi; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) RAAP, Adriaan, Y.; Internationaal Oc-
trooibureau B.V., Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(81) CN 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 H02M

(11) WO 02/41479 (13) A2

(21) PCT/EP01/13186

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 09/716,919 20 Nov/nov 2000 US
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • VOLTAGE CLAMPING SYSTEM AND
METHOD FOR A DC/DC POWER CON-
VERTER
• SYSTEME ET PROCEDE DE FIXA-
TION DE NIVEAU DE TENSION POUR
UN CONVERTISSEUR DE PUISSANCE
CONTINU-CONTINU

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

(72) QIAN, Jinrong; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). WENG, Da, F.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; INTERNA-
TIONAAL OCTROOIBUREAU B.V., Prof
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN 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 H02M

(11) WO 02/41480 (13) A2

(21) PCT/EP01/13307

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/716,698 20 Nov/nov 2000 US
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SWITCHABLE POWER CONVERTER
FOR MULTIPLE LEVEL INPUT LINE
POWER FACTOR CORRECTION

• CONVERTISSEUR DE PUISSANCE
COMMUTABLE POUR CORRECTION
DE FACTEUR DE PUISSANCE DE
LIGNE D'ENTREE MULTINIVEAU

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

(72) CHANG, Chin; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). BRUNING, Gert, W.;
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). HERNANDEZ, Adan; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).

(74) BOSMA, Rudolphus, H., A.; Internation-
aal Octrooibureau B.V., Prof Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H02M

(11) WO 02/41481 (13) A2

(21) PCT/JP01/09894

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 2000-348758 15 Nov/nov 2000 JP
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DC-DC CONVERTER WITH REDUCED
INPUT CURRENT RIPPLES

• CONVERTISSEUR CC-CC AVEC ON-
DULATIONS REDUITES DE COU-
RANT D'ENTREE

(71) MATSUSHITA ELECTRIC WORKS,
LTD. [JP/JP]; 1048, Oaza-Kadoma,
Kadoma-shi, Osaka 571-8686 (JP).

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

(72, 75) NAKAMURA, Toshiaki [JP/JP]; c/o
Matsushita Electric Works, Ltd., 1048,
Oaza-Kadoma, Kadoma-shi, Osaka 571-8686
(JP).

(74) NISHIKAWA, Yoshikiyo et al. / etc.;
Hokuto Patent Attorneys Office, Umeda-Dai-
ichiseimei Bldg. 5F, 12-17, Umeda 1-chome,
Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H02M 3/00

(11) WO 02/41482 (13) A2

(21) PCT/EP01/13306

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/716,914 20 Nov/nov 2000 US
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • LEAKAGE ENERGY RECOVERING
SYSTEM AND METHOD FOR FLY-
BACK CONVERTER

• SYSTEME DE RECUPERATION
D'ENERGIE DE FUITE ET PROCEDE
POUR CONVERTISSEUR INDIRECT

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

(72) QIAN, Jinrong; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). WENG, Da, F.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, Y.; Internationaal Oc-
trooibureau B.V., Prof Holstlaan 6, NL-5656
AA Eindhoven (NL).

(81) CN 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 H02M 3/00

(11) WO 02/41483 (13) A2

(21) PCT/US01/43972

(22) 6 Nov/nov 2001 (06.11.2001)

(25) en (26) en

(30) 09/713,735 15 Nov/nov 2000 US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR
MEASURING DC LOAD CURRENT OF
A SWITCHING POWER SUPPLY

• APPAREIL ET PROCEDE POUR ME-
Surer UN COURANT CC DEBITE
D'UNE ALIMENTATION COMMUTEE

(71) PECO II, INC. [US/US]; 1376 State Route
598, Galion, OH 44833-0910 (US).

(72) SCHULTZ, Lynn; 19 Foxglove Court,
Nashua, NH 03062 (US).

(74) FLIGHT, James, A.; Marshall, Gerstein &
Borun, 6300 Sears Tower, 233 South Wacker
Drive, Chicago, IL 60606 (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 SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.

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

(51)⁷ H02N 15/00

(11) WO 02/41484 (13) A2

(21) PCT/US01/31459

(22) 9 Oct/oct 2001 (09.10.2001)

(25) en (26) en

(30) 60/239,187 9 Oct/oct 2000 US
(09.10.2000)

(30) 09/724,815 28 Nov/nov 2000 US
(28.11.2000)

(30) 60/282,927 10 Apr/avr 2001 US
(10.04.2001)

- (30) 60/318,579 **11 Sep/sep 2001** US
(11.09.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEMS USING A LEVITATING, ROTATING PUMPING OR MIXING ELEMENT AND RELATED METHODS
• SYSTEMES UTILISANT UN ELEMENT DE POMPAGE OU DE MELANGEAGE ROTATIF A LEVITATION ET PROCEDES ASSOCIES
- (71) LEVTECH, INC. [US/US]; Suite 17, 131 Prosperous Place, Lexington, KY 40509 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) TERENTIEV, Alexandre, N. [RU/US]; 282 Commonwealth Drive, Lexington, KY 40503 (US).
- (74) SCHICKLI, Warren, D. et al. / etc.; King and Schickli PLLC, 247 North Broadway, Lexington, KY 40507 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ H02P 1/26, 3/18
- (11) WO 02/41485 (13) A1
- (21) PCT/SE01/02137
- (22) 3 Oct/oct 2001 (03.10.2001)
- (25) en (26) en
- (30) 0004249-9 **20 Nov/nov 2000** SE
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ROTARY MACHINE CONTROL
• COMMANDE DE MACHINE ROTATIVE
- (71) ABB AB [SE/SE]; Kopparbergsvägen 2, S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHLSSON, Bertil [SE/SE]; Långmårtensgatan 5B, S-722 26 Västerås (SE).
ZAHRAI, Said [SE/SE]; Cedergatan 21, S-723 41 Västerås (SE).
- (74) STENBORG, Anders et al. / etc.; Aros Patent AB, Box 1544, S-751 45 Uppsala (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU
- SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement
-
- (51)⁷ H02P 21/00
- (11) WO 02/41486 (13) A1
- (21) PCT/JP00/08170
- (22) 20 Nov/nov 2000 (20.11.2000)
- (25) ja (26) ja
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF CONTROLLING INDUCTION MOTOR
• PROCEDE DE CONTROLE D'UN MOTEUR A INDUCTION
- (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) KINPARA, Yoshihiko [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
TERADA, Kei [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
SAKURAI, Hisao [JP/JP]; 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 KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H03B 5/12
- (11) WO 02/41487 (13) A1
- (21) PCT/DE01/04249
- (22) 13 Nov/nov 2001 (13.11.2001)
- (25) de (26) de
- (30) 100 56 943.9 **17 Nov/nov 2000** DE
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • OSCILLATOR CIRCUIT
• MONTAGE OSCILLATEUR
- (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) TRAUB, Johann [DE/DE]; Finkenweg 7, 89415 Lauingen (DE).
- (74) EPPING HERMANN & FISCHER; Rindlerstrasse 55, 80339 München (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ H03D
- (11) WO 02/41488 (13) A2
- (21) PCT/US01/45777
- (22) 2 Nov/nov 2001 (02.11.2001)
- (25) en (26) en
- (30) 09/706,443 **3 Nov/nov 2000** US
(03.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SELF OSCILLATING MIXER
• MELANGEUR AUTO-OSCILLANT
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) NAIR, Vijay; 3430 North Mountain Ridge #35, Mesa, AZ 85207 (US).
EL ZEIN, Nada; 15005 South 14th Place, Phoenix, AZ 85048 (US).
GORONKIN, Herbert; 8641 South Willow Drive, Tempe, AZ 85284 (US).
- (74) KOCH, WILLIAM, E.; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US) et al. / etc.
- (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03G 1/02, H04B 1/20
- (11) WO 02/41489 (13) A2
- (21) PCT/EP01/13184
- (22) 13 Nov/nov 2001 (13.11.2001)
- (25) en (26) en
- (30) 09/718,051 **20 Nov/nov 2000** US
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • AUTOMATIC MUTE BY BABY MONITOR
• MISE EN SILENCE AUTOMATIQUE DE SYSTÈME DE SURVEILLANCE DES BÉBÉS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) CUIJPERS, Maurice, J., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN EE, Jan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) HOEKSTRA, Jelle; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (q1)
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- (51)⁷ H03H
- (11) WO 02/41490 (13) A2
- (21) PCT/US01/47366
- (22) 3 Nov/nov 2001 (03.11.2001)

- (25) en (26) en
 (30) 60/245,229 **3 Nov/nov 2000** US
(03.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DIGITAL FILTER WITH STATE STORAGE
 • FILTRE NUMERIQUE A MEMOIRE D'ETAT
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) **MOHSENI, Jafar, M.**; 10181 Camino Ruiz, #6, San Diego, CA 92126 (US). **BUTLER, Brian, K.**; 2171 Via Nina, La Jolla, CA 92037 (US). **JOHN, Deepu**; 7689 Palmilla Drive, #1216, San Diego, CA 92037 (US). **ZHANG, Haitao**; 11018 Corte Mar De Delfinas, San Diego, CA 92130 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03K 17/30, G01R 19/165

- (11) **WO 02/41491** (13) A1
 (21) PCT/DE01/04284
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) de (26) de
 (30) 100 56 878.5 **16 Nov/nov 2000** DE
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A CURRENT-SENSING SWITCHING CIRCUIT
 • CIRCUIT ELECTRIQUE DE COMMUTATION A DETECTION DE COURANT
- (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) **BAZIL, Rodricks** [AU/AU]; 7 Reeve Place, Roweville (AU).
- (81) AU US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H03K 19/18, G06N 1/00

- (11) **WO 02/41492** (13) A1
 (21) PCT/GB01/05072
 (22) **19 Nov/nov 2001 (19.11.2001)**
 (25) en (26) en
 (30) 0028092.5 **17 Nov/nov 2000** GB
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)

- (54) • MAGNETIC LOGIC ELEMENTS
 • ELEMENTS LOGIQUES MAGNETIQUES
- (71) **EASTGATE INVESTMENTS LIMITED** [—/—]; Cedar House, 41 Cedar Avenue, P.O. Box HM 1179, Hamilton, HM-EX Bermuda (BM).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COWBURN, Russell, Paul** [GB/GB]; University of Durham, Department of Physics, Rochester Building, Science Laboratories, South Road, Durham DH1 3LE (GB).
- (74) **NOVAGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 1AP (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03L

- (11) **WO 02/41493** (13) A2
 (21) PCT/US01/43118
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 60/249,482 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PROCESSING WEB FOR DATA PROCESSING IN A DIGITAL OSCILLOSCOPE OR SIMILAR INSTRUMENT
 • TOILE DE TRAITEMENT CONÇUE POUR TRAITER DES DONNEES DANS UN OSCILLOSCOPE NUMERIQUE OU UN INSTRUMENT SIMILAIRE
- (71) **LECROY CORPORATION** [US/US]; 700 Chestnut Ridge Road, Chestnut Ridge, NY 10977-6499 (US).
- (72) **MILLER, Martin, Thomas**; 6 chemin de Nery, CH-1285 Avusy (CH). **CAKE, Anthony**; 4 rue des Vernes, CH-1217 Meyrin (CH). **LIBBY, Jonathan, Calvin**; 30 Shaker Road, Gray, ME 04039 (US).
- (74) **FROMMER, William, S.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (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 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 TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

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

(51)⁷ H03M

- (11) **WO 02/41494** (13) A2
 (21) PCT/US01/43077
 (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) en (26) en
 (30) 60/248,001 **14 Nov/nov 2000** US
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR A PARALLEL CORRELATOR AND APPLICATIONS THEREOF
 • PROCEDE ET APPAREIL POUR CORRELATEUR PARALLELE ET APPLICATIONS CORRESPONDANTES
- (71) **PARKERVISION, INC.** [US/US]; 8493 Baymeadows Way, Jacksonville, FL 32256 (US).
- (72) **SORRELLS, David, F.**; 3129 Rideout Lane, Middleburg, FL 32068 (US). **BULTMAN, Michael, J.**; 2244 Aztec Drive West, Jacksonville, FL 32246 (US). **RAWLINS, Gregory, S.**; 155 Harston Court, Heathrow, FL 32746 (US). **RAWLINS, Michael, W.**; 349 Sprucewood Road, Lake Mary, FL 32746 (US).
- (74) **LEE, Michael, Q.** et al. / etc.; Sterne, Kessler, Goldstein, & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 1/18, H04N 5/243, 5/14

- (11) **WO 02/41495** (13) A1
 (21) PCT/JP01/10048
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) ja (26) ja
 (30) 2000-349790 **16 Nov/nov 2000** JP
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ANALOG FRONT-END CIRCUIT
 • CIRCUIT FRONTAL ANALOGIQUE
- (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) **NISHIO, Kenichi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **MATSUKUMA, Hidemori**; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

- (81) KR US.
-
- (51)⁷ **H03M 1/44**
 (11) **WO 02/41496** (13) A2
 (21) PCT/EP01/13105
 (22) **9 Nov/nov 2001 (09.11.2001)**
 (25) en (26) en
 (30) 00204033.5 **16 Nov/nov 2000 EP (16.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) ● SWITCHED CAPACITOR PIPELINE AD-CONVERTER
 ● CONVERTISSEUR ANALOGIQUE NUMERIQUE A PIPELINE DE CONDENSATEUR COMMUTE
- (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) **BOUDEWIJNS, Arnoldus, J., J.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DUIJVESTIJN, Adrianus, J.;** Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H03M 7/00**
 (11) **WO 02/41497** (13) A2
 (21) PCT/SE01/02549
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) en (26) en
 (30) 60/249,923 **16 Nov/nov 2000 US (16.11.2000)**
 (30) 09/814,406 **21 Mar/mar 2001 US (21.03.2001)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) ● STATIC INFORMATION KNOWLEDGE USED WITH BINARY COMPRESSION METHODS
 ● CONNAISSANCE D'INFORMATIONS STATIQUES UTILISEE AVEC DES PROCÉDES DE COMPRESSION BINNAIRE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **HANNU, Hans;** Batterivägen 12, S-976 31 Luleå (SE). **SVANBRO, Krister;** Mjölkdsvägen 133, 1 tr, S-973 43 Luleå (SE). **CHRISTOFFERSSON, Jan;** Stenåsvägen 13, S-975 96 Luleå (SE).
- (74) **GULLSTRAND, Malin;** Ericsson Radio Systems AB, Patent Unit Research, S-164 80 Stockholm (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 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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H03M 7/30, H04L 29/06**
 (11) **WO 02/41499** (13) A1
 (21) PCT/SE01/02341
 (22) **25 Oct/oct 2001 (25.10.2001)**
 (25) en (26) en
 (30) 60/249,643 **16 Nov/nov 2000 US (16.11.2000)**
 (30) 09/814,268 **21 Mar/mar 2001 US (21.03.2001)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) ● SYSTEM AND METHOD FOR COMMUNICATING WITH TEMPORARY COMPRESSION TABLES
 ● SYSTEME ET PROCÉDE PERMETTANT DE COMMUNIQUER AVEC DES
- TABLES DE COMPRESSION TEMPORAIRES
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **HANNU, Hans;** Batterivägen 12, S-976 31 Luleå (SE). **CHRISTOFFERSSON, Jan;** Stenåsvägen 13, S-975 96 Luleå (SE).
- (74) **GULLSTRAND, Malin;** Ericsson Radio Systems AB, Patent Unit Research, S-164 80 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H03M 7/46**
 (11) **WO 02/41500** (13) A1
 (21) PCT/KR00/01292
 (22) **11 Nov/nov 2000 (11.11.2000)**
 (25) en (26) en
 (43) 23 May/mai 2002 (23.05.2002)
 (54) ● METHOD AND APPARATUS FOR CODING INFORMATION, METHOD AND APPARATUS FOR DECODING CODED INFORMATION, METHOD OF FABRICATING A RECORDING MEDIUM, THE RECORDING MEDIUM AND MODULATED SIGNAL
 ● PROCÉDE ET APPAREIL DE CODAGE D'INFORMATION, PROCÉDE ET APPAREIL DE DECODAGE D'INFORMATION, PROCÉDE DE FABRICATION D'UN SUPPORT D'ENREGISTREMENT, LE SUPPORT D'ENREGISTREMENT ET SIGNAL MODULE
- (71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).
- (72) **SCHOUHAMER IMMINK, Kees, A.;** 15W. Alexander Iaan, NL-5664 Geldrop (NL).
- (74) **PARK, Jang-Won;** Jewoo Building 5th floor, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H03M 13/27

(11) WO 02/41501 (13) A1

(21) PCT/GB01/05088

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 0028099.0 17 Nov/nov 2000 GB
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DATA PERMUTATION

• PERMUTATION DE DONNEES

(71) UBINETICS LIMITED [GB/GB]; Cambridge Technology Centre, Melbourn, Hertfordshire SG8 6DP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COOK, Paul [GB/GB]; The Annexe, 1 Water Lane, Melbourn, Royston, Hertfordshire SG8 6AX (GB).

(74) HOGG, Jeffery, Keith 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 100 57 499.8 20 Nov/nov 2000 DE
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR SIGNALLING THE DIVERSITY MODE OF ONE OR MORE BROADCAST CHANNELS AND CORRESPONDING RADIOCOMMUNICATIONS SYSTEM

• PROCEDE DE SIGNALISATION DU MODE DE DIVERSITE D'UN OU DE PLUSIEURS CANAUX DE DIFFUSION, ET SYSTEME DE COMMUNICATION RADIO 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) BÄR, Siegfried [DE/DE]; Belchenstr. 9, 75179 Pforzheim (DE). CHOL, Hyung-Nam [KR/DE]; Amrumer Knick 11, 22117 Hamburg (DE). HANS, Martin [DE/DE]; Spandauer Weg 9, 31141 Hildesheim (DE). KOWALEWSKI, Frank [DE/DE]; Schierke 16, 38228 Salzgitter (DE). LAUMEN, Josef [DE/DE]; Wichernstr. 29b, 31141 Hildesheim (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

Declarations / Déclarations :

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(51)⁷ H04B

(11) WO 02/41503 (13) A2

(21) PCT/EP01/12763

(22) 3 Nov/nov 2001 (03.11.2001)

(25) en (26) en

(30) 20005754 14 Nov/nov 2000 NO
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • MANAGED HDSL REPEATER

• REPETEUR HDSL GERE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) SCHUMANN-OLSEN, Reidar; Nøtteknækkere 14, N-3400 Lier (NO). LIE, Steinar; Bergensgate 8, N-0468 Oslo (NO).

(74) ROSENQUIST, Per, Olof; Bergensträhle & Lindvall AB, P.O. Box 17704, S-118 93 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ H04B

(11) WO 02/41504 (13) A2

(21) PCT/US01/42938

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,357 14 Nov/nov 2000 US
(14.11.2000)(30) 60/270,254 20 Feb/fév 2001 US
(20.02.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHODS AND APPARATUS FOR IDENTIFYING ASSET LOCATION IN COMMUNICATION NETWORKS

• PROCEDES ET APPAREIL D'IDENTIFICATION DE BIENS DANS DES RESEAUX DE COMMUNICATION

(71, 72) GOREN, David [US/US]; 54 Steven Place, Smithtown, NY 11787 (US). HOOK, Christopher, D. [GB/US]; 201B Spring Meadow Drive, Holbrook, NY 11741 (US).

(74) PREMUTICO, Mauro; Symbol Technologies, Inc., One Symbol Plaza, MS A-6, Holtville, NY 11742-1300 (US) et al. / etc.

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B

(11) WO 02/41505 (13) A2

(21) PCT/US01/43103

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,111 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR DETECTION AND CLASSIFICATION OF IMPAIRMENTS ON AN RF MODULATED NETWORK

• PROCEDE ET APPAREIL DE DETECTION ET DE CLASSIFICATION DES DEFAILLANCES SUR UN RESEAU MODULE DE RADIOFREQUENCE

(71) BROADCOM CORPORATION [US/US]; 16215 Alton Parkway, Irvine, CA 92618 (US).

(72) HOWARD, Daniel, H.; 2512 Parkdale Place, NE, Atlanta, GA 30305 (US).

(74) SOKOHL, Robert et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04B

(11) WO 02/41506 (13) A2

(21) PCT/US01/43413

(22) 6 Nov/nov 2001 (06.11.2001)

(25) en (26) en

(30) 09/709,687 10 Nov/nov 2000 US
(10.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS FOR RECEIVING AND RECOVERING FREQUENCY SHIFT KEYED SYMBOLS

• APPAREIL DE RECEPTION ET DE RECUPERATION DE SYMBOLES DE DEPLACEMENT DE FREQUENCE

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

(72) CHEN, Weizhong; 416 Pin Oak Trail, Keller, TX 76248 (US).

(74) BOWLER, Roland et al. / etc.; AN475, 600 North US Highway 45, Libertyville, IL 60048 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ H04B

(11) WO 02/41507 (13) A2

(21) PCT/US01/43881

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 09/718,037 20 Nov/nov 2000 US (20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • TWO-LEVEL U-SHAPED GROOVE AND METHOD OF FABRICATING THE SAME

• CANNELURE EN U A DEUX NIVEAUX ET PROCEDE D'OBTENTION DE CETTE DERNIERE

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). CORNELL RESEARCH FOUNDATION INC. [US/US]; 20 THORNWOOD DRIVE, SUITE 105, ITHACA, NY 14850 (US).

(72) KOHNKE, Glenn E; 310 WEST HIGH STREET, PAINTED POST, NY 14870 (US). CHEN, LU; 134 GRAHAM ROAD, APT. #2A3, ITHACA, NY 14850 (US). SUZUKI, YURI; 847 DRYDEN ROAD, APT. 3F, ITHACA, NY 14850 (US).

(74) REDMAN, Mary Y; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04B

(11) WO 02/41508 (13) A2

(21) PCT/US01/44026

(22) 19 Nov/nov 2001 (19.11.2001)

(25) en (26) en

(30) 09/716,837 20 Nov/nov 2000 US (20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR SYNCHRONIZING A DS-CDMA RECEIVER

• PROCEDE ET APPAREIL DE SYNCHRONISATION D'UN RECEPTEUR DS-CDMA

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

(72) SHI, Qicai; 5832 North Plum Bay Parkway, Tamarac, FL 33321 (US).

(74) FULLER, Andrew, S. et al. / etc.; Motorola Inc., Intellectual Property Dept., 8000 West Sunrise Boulevard, Fort Lauderdale, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B

(11) WO 02/41509 (13) A2

(21) PCT/US01/50892

(22) 24 Oct/oct 2001 (24.10.2001)

(25) en (26) en

(30) 09/697,375 25 Oct/oct 2000 US (25.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR HIGH RATE PACKET DATA AND LOW DELAY DATA TRANSMISSIONS

• PROCEDE ET APPAREIL DESTINES AUX TRANSMISSIONS DE DONNEES A HAUT DEBIT DE PAQUETS ET AUX TRANSMISSIONS DE DONNEES A FAIBLE RETARD

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) LUNDBY, Stein, A.; 716 North Granados Avenue, Solana Beach, CA 92075 (US). RAZOUMOV, Leonid; 3700 Tenth Avenue, #3N, San Diego, CA 92103 (US). BAO, Gang; 13255 Larkfield Court, San Diego, CA 92130 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ H04B 1/10, 1/18

(11) WO 02/41510 (13) A2

(21) PCT/DE01/04283

(22) 15 Nov/nov 2001 (15.11.2001)

(25) de (26) de

(30) 100 56 877.7 16 Nov/nov 2000 DE (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • RECEIVER SENSITIVITY
• SENSIBILITE D'UN RECEPTEUR

(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) ENGLEFIELD, Chris [AU/AU]; 248 Alma Road, Caulfield North (AU). BAZIL, Rodricks [AU/AU]; 7 Reeve Place, Rowville (AU).

(81) AU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04B 1/60

(11) WO 02/41511 (13) A1

(21) PCT/US01/43446

(22) 15 Nov/nov 2001 (15.11.2001)

(25) en (26) en

(30) 60/248,978 15 Nov/nov 2000 US (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • OPERATIONS, ADMINISTRATION AND MAINTENANCE OF COMPONENTS IN A MOBILITY NETWORK

• EXPLOITATION, ADMINISTRATION ET MAINTENANCE DE COMPOSANTS DANS UN RESEAU DE COMMUNICATION MOBILE

(71) AT & T WIRELESS SERVICES, INC. [US/US]; P.O. Box 97059, W/TC2, Redmond, WA 98073-9759 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOUNTNEY, Scott [US/US]; 16661 N.E. 72nd Way, Kirkland, WA 98034 (US). VERSTEGEN, Mike [US/US]; 21502 N.E. 103rd Street, Redmond, WA 98052 (US). ZHAO, Hong [CA/US]; 15714 N.E. 113th Court, Redmond, WA 98052 (US).

(74) SCOTTI, Robert, F.; Klarquist, Sparkman, LLP, One World Trade Center, Suite 1600, 121 S.W. 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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) PR 1487 15 Nov/nov 2000 AU (15.11.2000)

- (30) PR 2063 **13 Dec/déc 2000** AU
(13.12.2000)
- (30) PR 2505 **11 Jan/jan 2001** AU
(11.01.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A METHOD OF UPDATING A SHIFT REGISTER
• PROCÉDE DE MISE A JOUR DE REGISTRE A DECALAGE
- (71) **ADVANCED COMMUNICATIONS TECHNOLOGIES (AUSTRALIA) PTY LTD** [AU/AU]; Ground Floor, 341 Queen Street, Melbourne, Victoria 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LADYZHENSII, Rudolf** [AU/AU]; 2/5 Macrina Street, Oakleigh East, Victoria 3166 (AU).
- (74) **GRIFFITH HACK**; Level 3, 509 St Kilda Road, Melbourne, Victoria 3004 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41513** (13) A2
- (21) PCT/EP01/13311
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/715,306 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PILOT-SIGNAL SEARCHING WITH DECIMATION REORDERING
• RECHERCHE DE SIGNAUX PILOTES A REORGANISATION DE LA DECIMATION
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **BANERJEE, Debarag, N.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DUIJVESTIJN, Adrianus, J.** et al. / etc.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04B 1/707**
- (11) **WO 02/41514** (13) A1
- (21) PCT/IT01/00566
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) it (26) en
- (30) TO00A001057 **14 Nov/nov 2000** IT
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • RECEIVER FOR CODE DIVISION RADIO INTERFACE
• RECEPTEUR POUR INTERFACE RADIO EN AMCR
- (71) **TELECOM ITALIA LAB S.P.A.** [IT/IT]; Via Reiss Romoli, 274, I-10148 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FINOTELLO, Andrea** [IT/IT]; c/o Telecom Italia Lab S.P.A., Via Reiss Romoli, 274, I-10148 Torino (IT). **GANDINI, Marco** [IT/IT]; c/o Telecom Italia Lab S.P.A., Via Reiss Romoli, 274, I-10148 Torino (IT). **MARCHISIO, Mauro** [IT/IT]; c/o Telecom Italia Lab S.P.A., Via Reiss Romoli, 274, I-10148 Torino (IT).
- (74) **TELECOM ITALIA LAB S.P.A.**; IPR Management, CASUCCIO, Carlo, Via Reiss Romoli, 274, I-10148 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- 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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations; (t) for the following designation / pour la désignation suivante : US
- (u) for / pour US only / seulement
-
- (51)⁷ **H04B 1/707**
- (11) **WO 02/41515** (13) A2
- (21) PCT/US01/45358
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) en (26) en
- (30) 60/248,469 **14 Nov/nov 2000** US
(14.11.2000)
- (30) 09/883,835 **18 Jun/juin 2001** US
(18.06.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SELF-SYNCHRONIZING ADAPTIVE MULTISTAGE RECEIVER FOR WIRELESS COMMUNICATION SYSTEMS
• RECEPTEUR MULTI-ETAGE ADAPTIF AUTO-SYNCHRONISANT POUR SYSTEMES DE COMMUNICATION SANS FIL
- (71, 72) **REED, Irving, S.** [US/US]; 348 15th Street, Santa Monica, CA 90402 (US). **THANYASRISUNG, Piyapong** [TH/US]; 10953 Canby Avenue, Northridge, CA 93126 (US). **GOLDSTEIN, J., Scott** [US/US]; 15118 Stillfield Place, Centreville, VA 20120 (US). **TRUONG, T., K.** [US/US]; 1430 San Marino Avenue, San Marino, CA 91108 (US).
- (74) **TABANDEH, Raymond, R.**; Christie, Parker & Hale, LLP, 350 W. Colorado Boulevard, Pasadena, CA 91109 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/46**
- (11) **WO 02/41516** (13) A1
- (21) PCT/US01/44960
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,130 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CABLE SENSOR
• CÂBLE DE DÉTECTION
- (71) **MEASUREMENT SPECIALTIES, INC.** [US/US]; 80 Little Falls Road, Fairfield, NJ 07004 (US).
- (72) **BROWN, Richard, Hunter**; Zum Rohrbrunnen 8, 63303 Dreieich-Offenthal (DE).
- (74) **HOWARD, Edward, J.** et al. / etc.; Duane, Morris & Heckscher LLP, Suite 100, 100 College Road West, Princeton, NJ 08540-6604 (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 SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00**
- (11) **WO 02/41517** (13) A2
- (21) PCT/EP01/13226
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,706 **17 Nov/nov 2000 US (17.11.2000)**
- (30) 09/894,052 **28 Jun/juin 2001 US (28.06.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR OPTIMIZATION OF SWITCHED-DIVERSITY PERFORMANCE
- PROCEDE ET SYSTEME D'OPTIMISATION DE PERFORMANCE A DIVERSITE PAR COMMUTATION
- (71) **TELEFONAKTIEBOLAGET L MERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILHELMSSON, Leif** [SE/SE]; Lyftvägen 5, S-240 10 Dalby (SE). **WALLEN, Anders** [SE/SE]; Norregatan 45 B, S-241 33 Eslöv (SE).
- (74) **O'CONNELL, David Christopher**; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00**
- (11) **WO 02/41518** (13) A2
- (21) PCT/SE01/02524
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/711,910 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR COMPENSATING FOR FREQUENCY OFFSET
- SYSTEME ET PROCEDE DE COMPENSATION DE DECALAGE DE FREQUENCE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **LINDBOM, Lars**; Trekantsgatan 7, S-652 20 Karlstad (SE). **ZANGI, Kamibz**; 6 Colton Crt., Durham, NC 27713 (US).
- (74) **MAGNUSSON, Monica**; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00**
- (11) **WO 02/41519** (13) A2
- (21) PCT/US01/43419
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 60/248,867 **15 Nov/nov 2000 US (15.11.2000)**
- (30) 60/249,769 **16 Nov/nov 2000 US (16.11.2000)**
- (30) 09/947,650 **5 Sep/sep 2001 US (05.09.2001)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR REDUCING CHANNEL INTERFERENCE IN A FRAME-SYNCHRONIZED WIRELESS COMMUNICATION SYSTEM
- PROCEDE ET SYSTEME PERMETTANT DE DIMINUER LE BROUILLAGE DE CANAL DANS UN SYSTEME DE COMMUNICATION SANS FIL A TRAMES SYNCHRONISEES
- (71) **ENSEMBLE COMMUNICATIONS, INC.** [US/US]; 9890 Towne Center Drive, San Diego, CA 92121 (US).
- (72) **KLEIN, Israel, Jay**; Apt. 214, 5260 Fiore Terrace, San Diego, CA 92122 (US). **GILBERT, Sheldon, L.**; 12710 Monterey Cypress Road, San Diego, CA 92122 (US). **STANWOOD, Kenneth, L.**; 2403 Montgomery Avenue, Cardiff by the Sea, CA 92007 (US). **BEHAR, Jacques**; 5823 Erlanger, San Diego, CA 92122 (US).
- (74) **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00**
- (11) **WO 02/41521** (13) A2
- (21) PCT/US01/47368
- (22) **3 Nov/nov 2001 (03.11.2001)**
- (25) en (26) en
- model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00**
- (11) **WO 02/41520** (13) A2
- (21) PCT/US01/43582
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/249,065 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMPROVED FRAMING FOR AN ADAPTIVE MODULATION COMMUNICATION SYSTEM
- VERROUILLAGE DE TRAME AME-LIORE POUR SYSTEME DE COMMUNICATION A MODULATION ADAPTATIVE
- (71) **ENSEMBLE COMMUNICATIONS, INC.** [US/US]; 9890 Towne Center Drive, San Diego, CA 92121 (US).
- (72) **STANWOOD, Kenneth, L.**; 2403 Montgomery Avenue, Cardiff by the Sea, CA 92007 (US). **KLEIN, Israel, Jay**; Apt. 214, 5260 Fiore Terrace, San Diego, CA 92122 (US). **LIN, George**; 13756 Durango Drive, Del Mar, CA 92013 (US). **CHEN, An**; 9105 Pimpernel Drive, San Diego, CA 92129 (US).
- (74) **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00**
- (11) **WO 02/41521** (13) A2
- (21) PCT/US01/47368
- (22) **3 Nov/nov 2001 (03.11.2001)**
- (25) en (26) en

- (30) 09/708,271 **7 Nov/nov 2000** US
(07.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • POWER MANAGEMENT FOR THROUGHPUT ENHANCEMENT IN WIRELESS AD-HOC NETWORKS
• GESTION D'ENERGIE DESTINEE A AMELIORER LE DEBIT DANS DES RESEAUX SANS FIL AD HOC
- (71) **HRL LABORATORIES, LLC** [US/US]; 3011 Malibu Canyon Rod, Malibu, CA 90265 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRISHNAMURTHY, Srikanth** [IN/US]; 8909 Massena Street, Riverside, CA 92508 (US). **ELBATT, Tamer** [EG/US]; 22216 Victory Blvd., Apt. C212, Woodland Hills, CA 91367 (US). **CONNORS, Dennis** [US/US]; 6322 Carter Rd., Mariposa, CA 95338 (US).
- (74) **TOPE-MCKAY, Cary, R.;** Tope-McKay & Associates, 23852 Pacific Coast Highway #311, Malibu, CA 90265 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/005**
- (11) **WO 02/41522** (13) A2
- (21) PCT/FR01/03585
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) fr (26) fr
- (30) 00/14908 **17 Nov/nov 2000** FR
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR CONTROLLING TRANSMISSION POWER IN A MOBILE RADIOCOMMUNICATION SYSTEM
• PROCEDE POUR LE CONTROLE DE PUISSANCE D'EMISSION DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES
- (71) **EVOLIUM SAS** [FR/FR]; 12, rue de la Baume, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AGIN, Pascal** [FR/FR]; 2, rue du Clos de Pacy, F-94370 Sucy en Brie (FR).
- (74) **EL MANOUNI, Josiane** et al. / etc.; Compagnie Financière Alcatel, DPI, 30, avenue Kléber, F-75116 Paris (FR).
- (81) CN JP KR US.
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **H04B 7/005**
- (11) **WO 02/41523** (13) A2
- (21) PCT/US01/45346
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/713,695 **15 Nov/nov 2000** US
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR REDUCING TRANSMISSION POWER IN A HIGH DATA RATE SYSTEM
• PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LA PUISSANCE D'EMISSION DANS UN SYSTEME A DEBIT BINAIRE ELEVE
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) **LUNDBY, Stein, A.;** 716 North Granados Avenue, Solana Beach, CA 92075 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/006**
- (11) **WO 02/41524** (13) A1
- (21) PCT/EP00/11449
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR CONTROLLING THE DATA SIGNAL WEIGHTING IN MULTI-ELEMENT TRANSCEIVERS AND CORRESPONDING DEVICES AND TELECOMMUNICATIONS NETWORK
• PROCEDE DE REGULATION DE LA PONDERATION DES SIGNAUX DE DONNEES DANS DES EMETTEURS-RECEPTEURS A ELEMENTS MULTIPLES, ET DISPOSITIFS ET RESEAU DE COMMUNICATION CORRESPONDANTS
- (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) **HOTTINEN, Ari** [FI/FI]; Ristinientie 4 o 30, FIN-02320 Espoo (FI).
- (74) **COHAUSZ & FLORACK;** Patent- und Rechtsanwälte (24), Kanzlerstrasse 8a, 40472 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/08**
- (11) **WO 02/41525** (13) A1
- (21) PCT/US01/50124
- (22) **26 Oct/oct 2001 (26.10.2001)**
- (25) en (26) en
- (30) 09/715,366 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR DETERMINING THE CORRECT OPERATING SOFTWARE VERSION FOR A NETWORK DEVICE
• PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA BONNE VERSION D'UN LOGICIEL D'EXPLOITATION POUR UN DISPOSITIF DE RESEAU
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **DINATALE, John;** 211 Washington Street, Pembroke, MA 02359 (US). **SCULLY, Brian, J.;** 435 Lincoln Street, Abington, MA 02351 (US). **FERREIRA, Thomas, M.;** 17 Peregrine Circle, Attleboro, MA 02703 (US). **FOLEY, Stephen;** P.O. Box 3229, South Attleboro, MA 02703 (US).
- (74) **WOOD, J., Ray** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **H04B 7/185**
- (11) **WO 02/41526** (13) A1
- (21) PCT/AU01/01502
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) PR 1567 **20 Nov/nov 2000** AU
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • IMPROVEMENTS IN AND RELATING TO TELECOMMUNICATIONS SYSTEMS

• AMELIORATIONS RELATIVES A DES SYSTEMES DE TELECOMMUNICATION

(71) **W & D RALEIGH PTY LTD** [AU/AU]; Level 15, The Corporate Centre, BUNDALL, Queensland 4217 (AU).

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

(72, 75) **RALEIGH, Glenn, Walter, Francis** [AU/AU]; 7/96 Benowa Road, SOUTH-PORT, Queensland 4215 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **H04B 7/185**

(11) **WO 02/41527** (13) A1

(21) PCT/US01/30991

(22) **3 Oct/oct 2001 (03.10.2001)**

(25) en (26) en

(30) 09/713,121 **15 Nov/nov 2000 (15.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • BROADBAND COMMUNICATION SYSTEMS AND METHODS USING LOW AND HIGH BANDWIDTH REQUEST AND BROADCAST LINKS

• SYSTEMES ET PROCEDES DE COMMUNICATION A LARGE BANDE UTILISANT UNE DEMANDE DE LARGEUR DE BANDE FAIBLE ET ELEVEE ET DES LIAISONS DE DIFFUSION

(71) **SPACE SYSTEMS/LORAL, INC.** [US/US]; 3825 Fabian Way, Palo Alto, CA 94303 (US).

(72) **NATIONS, William, D.**; 1046 Eastwood Drive, Los Altos, CA 94024 (US). **PUENTE, David, S.**; 6 Saint George Court, Brookeville, MD 20833 (US). **BERRY, Robert, E.**; 14242 Sholes Court, Los Altos, CA 94024 (US).

(74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41528** (13) A1

(21) PCT/CN01/01162

(22) **9 Jul/juil 2001 (09.07.2001)**

(25) zh (26) zh

(30) 00 1 25727.7 **19 Oct/oct 2000 (19.10.2000)** CN

(43) 23 May/mai 2002 (23.05.2002)

(54) • AN APPARATUS AND METHOD FOR LOAD MONITORING AND PREDICTION

• DISPOSITIF ET PROCEDE PERMETTANT DE REALISER LE PRONOSTIC ET LE CONTROLE DE CHARGE MULTISERVICE

(71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District 518057 (CN). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIAO, Xinxin** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District 518057 (CN). **XIE, Yi** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District 518057 (CN). **LI, Jun** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District 518057 (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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 BY BZ CA CH CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ **H04B 7/26**

(11) **WO 02/41529** (13) A1

(21) PCT/DE01/04255

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) de (26) de

(30) 100 57 497.1 **20 Nov/nov 2000 (20.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR SIGNALLING THE TIME POSITIONING OF ONE OR MORE BROADCAST CHANNELS

• PROCEDE DE SIGNALISATION DU POSITIONNEMENT TEMPOREL D'UN OU DE PLUSIEURS CANAUX DE DIFFUSION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOI, Hyung-Nam** [KR/DE]; Amrumer Knick 11, 22117 Hamburg (DE). **ECKERT, Michael** [DE/DE]; Hilsstr. 1, 38122 Braunschweig (DE). **GOTTSCHALK, Thomas** [DE/DE]; Venusstr. 71, 12524 Berlin (DE). **OTTE, Andreas** [DE/DE]; Burger Landstr. 11, 29227 Celle (DE). **SCHMIDT, Andreas** [DE/DE]; Neustadtring 48, 38114 Braunschweig (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN JP KR US.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN JP KR EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ **H04B 7/26**

(11) **WO 02/41530** (13) A1

(21) PCT/JP01/10024

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-349051 **16 Nov/nov 2000 (16.11.2000)** JP

(30) 2001-251135 **22 Aug/août 2001 (22.08.2001)** JP

(43) 23 May/mai 2002 (23.05.2002)

(54) • INFORMATION PROCESSING APPARATUS AND COMMUNICATION APPARATUS

• APPAREIL DE TRAITEMENT D'INFORMATIONS ET APPAREIL DE COMMUNICATION

(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) **ITOH, Katsutoshi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SATO, Masanori** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **INAMOTO, Yoshio**; 711 Building, 4th Floor, 11-18, Nishi-Shinjuku 7-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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/26**
- (11) **WO 02/41531** (13) A2
- (21) PCT/US01/45350
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/713,696 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR ALLOCATING DATA STREAMS ONTO A SINGLE CHANNEL
- PROCEDE ET APPAREIL PERMETTANT D'ATTRIBUER DES TRAINS DE DONNEES SUR UN CANAL UNIQUE
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morhouse Drive, San Diego, CA 92121-1714 (US).
- (72) **VAYANOS, Alkinoos, Hector**; 836 Diamond Street, San Diego, CA 92109 (US). **GRILLI, Francesco**; 4210 Palo Verde Road, Irvine, CA 92612 (US).
- (74) **WADSWORTH, Philip, R.**; Baker, Kent D., Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04B 10/08, 10/02**
- (11) **WO 02/41532** (13) A1
- (21) PCT/SE01/02475
- (22) **8 Nov/nov 2001 (08.11.2001)**
- (25) en (26) en
- (30) 0004183-0 **15 Nov/nov 2000 (15.11.2000)** SE
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A SYSTEM AND A METHOD FOR LIMITING THE MAXIMUM OF LIGHT TRANSMITTED FROM A RIBBON FIBER
- PROCÉDÉ ET SYSTÈME DE LIMITATION MAXIMALE DE L'ÉMISSION DE LUMIÈRE PAR UNE FIBRE EN RUBAN
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RENGMAN, Jacob** [SE/SE]; Bodalsvägen 3, S-181 36 Lidingö (SE).
- (74) **BERGENSTRÄHLE & LINDVALL AB**; P.O. Box 17704, S-118 93 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 10/10**
- (11) **WO 02/41533** (13) A2
- (21) PCT/HU01/00114
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) P 0004568 **17 Nov/nov 2000 (17.11.2000)** HU
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • FREE SPACE COMMUNICATION RECEIVER UNIT WITH CONTROLLABLE POWER ATTENUATOR
- UNITE DE RECEPTION DE COMMUNICATION EN ESPACE LIBRE AVEC ATTENUATEUR DE PUISSANCE REGLABLE
- (71) **LASERBIT KOMMUNIKÁCIÓS RT.** [HU/HU]; Kunigunda útja 45., H-1037 Budapest (HU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GYÖRI, Béla** [HU/GB]; 5 Ebsworth Close, Maidenhead SL6 8LL (GB).
- (74) **BOKOR, Tamás**; S.B.G. & K. Patent and Law Offices, Andrassy út 113., H-1062 Budapest (HU).
- (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 10/10, 10/26**
- (11) **WO 02/41534** (13) A2
- (21) PCT/US01/42747
- (22) **15 Oct/oct 2001 (15.10.2001)**
- (25) en (26) en
- (30) 60/241,315 **16 Oct/oct 2000 (16.10.2000)** US
- (30) 60/241,419 **17 Oct/oct 2000 (17.10.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ESTABLISHMENT AND MAINTENANCE OF OPTICAL LINKS BETWEEN OPTICAL TRANSCIEVER NODES IN FREE-SPACE OPTICAL COMMUNICATIONS NETWORKS
- ETABLISSEMENT ET MAINTENANCE DE LIAISONS OPTIQUES ENTRE DES NOEUDS D'EMETTEURS/RECEPTEURS OPTIQUES DANS DES RESEAUX DE COMMUNICATIONS OPTIQUES DANS L'ESPACE
- (71) **AIRFIBER, INC.** [US/US]; 16510 Via Esprillo, San Diego, CA 92127 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAVELCHEK, Andrew** [US/US]; 15545 Westview Road, Poway, CA 92064 (US).
- (74) **ARNO, Thomas, R.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 10/18**
- (11) **WO 02/41535** (13) A2
- (21) PCT/US01/43914
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,347 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD OF DISPERSION COMPENSATION IN OPTICAL COMMUNICATION SYSTEMS
- SYSTEME ET PROCEDE DE COMPENSATION DE DISPERSION DANS DES SYSTEMES DE COMMUNICATION OPTIQUES
- Declaration / Déclaration :
(u) for / pour US only / seulement

(71) **TYCOM (US) INC.** [US/US]; 10 Park Avenue, Morristown, NJ 07960 (US).

(72) **NISSOV, Morten**; 6 Mark Place, Ocean, NJ 07722 (US). **PILIPETSKII, Alexei, A.**; 16 Raleigh Pass, Colts Neck, NJ 07722 (US). **GOLOVCHENKO, Ekaterina**; 16 Raleigh Pass, Colts Neck, NJ 07722 (US). **NAGEL, Jonathan**; 416 Clinton Street, Brooklyn, NY 11231 (US). **SERGEY, Ten**; 34 Barrington Road, Horsehead, NY 14845 (US).

(74) **MALDJIAN, John, P.**; Senior Patent & Trademark Counsel, TyCom (US) Inc., Rm.2B-106, Eatontown, NJ 07724 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41536** (13) A1

(21) PCT/US01/43610

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/712,864 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • SIMULTANEOUS SIGNAL ATTENUATION MEASUREMENTS UTILIZING CODE DIVISION MULTIPLEXING

• MESURES SIMULTANÉES DE L'AFFAIBLISSEMENT DU SIGNAL PAR MULTIPLEXAGE PAR REPARTITION EN CODE

(71) **DATEX-OHMEDA, INC.** [US/US]; 3030 Ohmeda Drive, Madison, WI 53707 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HANNA, D., Alan** [US/US]; 1722 Pine Street, Boulder, CO 80302 (US). **NORRIS, Mark, A.** [US/US]; 4888 Hopkins Place, Boulder, CO 80301 (US).

(74) **MARSH, Thomas, R.**; Marsh Fischmann & Breyfogle, LLP, 3151 South Vaughn Way, Suite 411, Aurora, CO 80014 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/00**

(11) **WO 02/41537** (13) A1

(21) PCT/EP01/00255

(22) **11 Jan/jan 2001 (11.01.2001)**

(25) de (26) de

(30) 200 19 677.4 **20 Nov/nov 2000 DE (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • ANTENNA SYSTEM

• SYSTEME D'ANTENNES

(71) **HIRSCHMANN ELECTRONICS GMBH & CO. KG** [DE/DE]; Stuttgarter Strasse 45-51, 72654 Neckartenzlingen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RATZEL, Achim** [DE/DE]; Bachstrasse 19, 72658 Bempflingen (DE). **WENDT, Dirk** [DE/DE]; Kappishäuser Strasse 65/5, 72581 Dettingen (DE). **SCHAICH, Peter** [DE/DE]; Haldenstrasse 49, 72664 Kohlberg (DE).

(74) **STADLER, Heinz**; Weikersheimer Strasse 17, 70435 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04B 17/00 // G06F 17/14**

(11) **WO 02/41538** (13) A1

(21) PCT/FI01/00988

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 20002504 **15 Nov/nov 2000 FI (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD OF RADIO CHANNEL SIMULATION AND CHANNEL SIMULATOR

• PROCEDE DE SIMULATION DE CANAL RADIO ET SIMULATEUR DE CANAL

(71) **ELEKTROBIT OY** [FI/FI]; Tutkijantie 8, FIN-90570 Oulu (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MEINILÄ, Juha** [FI/FI]; Puijionsarventie 29 B, FIN-70260 Kuopio (FI). **POUTANEN, Torsti** [FI/FI]; Haukkalankatu 5 A 2, FIN-24100 Salo (FI). **ALAPURANEN, Pertti** [FI/US]; 147 Dotted Dove Lane, Indialantic, FL 32903 (US).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 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 TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **H04B 17/00, G01S 11/06**

(11) **WO 02/41539** (13) A1

(21) PCT/FR01/03451

(22) **7 Nov/nov 2001 (07.11.2001)**

(25) fr (26) fr

(30) 00/14612 **14 Nov/nov 2000 FR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR EVALUATING THE ENERGY LEVEL OF A RADIO SIGNAL

• PROCEDE ET DISPOSITIF D'EVALUATION DU NIVEAU ENERGETIQUE D'UN SIGNAL RADIO

(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, 75) **BEN RACHED, Nidham** [TN/FR]; 32, rue Baron, F-75017 Paris (FR). **LU-CIDARME, Thierry** [FR/FR]; 1, allée Falconet, F-78180 Montigny-le-Bretonneux (FR). **DE LANNON, Arnaud** [FR/FR]; 19, avenue des Etats-Unis, F-78000 Versailles (FR).

(74) **LOISEL, Bertrand**; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ H04B 17/00

(11) WO 02/41540 (13) A1

(21) PCT/KR01/01971

(22) 17 Nov/nov 2001 (17.11.2001)

(25) en (26) en

(30) 2000/69372 17 Nov/nov 2000 KR
(17.11.2000)(30) 2000/71084 23 Nov/nov 2000 KR
(23.11.2000)(30) 2000/70556 24 Nov/nov 2000 KR
(24.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS AND METHOD FOR MEASURING PROPAGATION DELAY IN AN NB-TDD CDMA MOBILE COMMUNICATION SYSTEM

• APPAREIL ET PROCÉDE DE MESURE DU TEMPS DE PROPAGATION DANS UN SYSTÈME DE COMMUNICATION MOBILE AMRC/DRT A BANDE ÉTROITE

(71) SAMSUNG ELECTRONICS CO., LTD [KR/KR]; 416, Maetan-dong, Paldal-gu., Suwon-shi, 442-370 Kyungki-do (KR).

(72) LEE, Hyun-Woo; Byeoksan APT.#806-901., Kwonsong-dong, Kwonsong-gu, Suwon-shi, 441-390 Kyonggi-do (KR).
CHOI, Sung-Ho; 306-302, Neuti-maoul, Chongja-dong., Puntang-gu, Songnam-shi, 463-010 Kyonggi-do (KR).
LEE, Kook-Heui; Seokwang APT.#103-202, Chongsolmaeul, Kumgok-dong., Puntang-gu, Songnam-shi, 463-480 Kyonggi-do (KR).
KWAK, Byung-Jae; 68, Puntang-dong, Puntang-gu., Songnam-shi, 463-030 Kyonggi-do (KR).
KIM, Do-Young; Haecheong APT.#Na-201., Samsong-dong, Kangnam-gu, 135-090 Seoul (KR).
HWANG, Sung-Oh; Byeoksan APT.#203-501, Suji-up., Yongin-shi, 449-840 Kyonggi-do (KR).

(74) LEE, Keon-Joo; Mihwa Bldg. 110-2., Myongryun-dong 4-ga., Chongro-gu, 110-524 Seoul (KR).

(81) AU CA CN JP RU.

(51)⁷ H04H

(11) WO 02/41541 (13) A2

(21) PCT/CA01/01599

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) 2,326,368 20 Nov/nov 2000 CA
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND SYSTEM FOR AUTOMATED REPORTING IN A COMMUNICATIONS NETWORK

• PROCÉDE ET SYSTÈME DE SIGNALLEMENT AUTOMATIQUE UTILISES DANS UN RESEAU DE TRANSMISSION

(71) ADEXACT CORPORATION [CA/CA]; 702-101 Frederick Street, Kitchener, Ontario N2H 6R2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BACSO, Stephen [CA/CA]; 147 Claremont Avenue, Kitchener, Ontario N2M 2P9

(CA). JUNEAU, Rene, J. [CA/CA]; 155 Westhampton Drive, Thornhill, Ontario L4J 7X2 (CA).
SHANKAR, Sanjeev [CA/CA]; 523 Clair Creek Blvd., Waterloo, Ontario N2T 1R8 (CA).
SCANLAN, Bruce, David [CA/CA]; 355 Meadowvale Place, Waterloo, Ontario N2K 3P8 (CA).

(74) HARRIS, John, D. et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04H

(11) WO 02/41542 (13) A2

(21) PCT/IB01/01290

(22) 19 Jul/juil 2001 (19.07.2001)

(25) en (26) en

(30) 09/712,530 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DVB-SI SENSITIVE WEB AGENT

• AGENT WEB SENSIBLE AU DVB-SI

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) JOHANSSON, Ivan; Rosgatan 5, S-541 60 Motala (SE).

(74) STUART, Michael, C.; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 Fifth Avenue, New York, NY 10176 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ H04H

(11) WO 02/41543 (13) A2

(21) PCT/US01/44113

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 09/715,512 17 Nov/nov 2000 US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • RADIO NETWORK SYSTEM

• SYSTEME DE RESEAU RADIO

(71, 72) PFEIFFER, Jeffrey, C. [US/US]; 6350 Bills Road, Naples, NY 14512 (US).

(74) SOMMER, Peter, K. et al. / etc.; Phillips, Lytle, Hitchcock, Blaine & Huber LLP, 3400 HSBC Center, Buffalo, NY 14203 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J

(11) WO 02/41544 (13) A2

(21) PCT/US01/43113

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,871 17 Nov/nov 2000 US
(17.11.2000)(30) 09/855,031 15 May/mai 2001 US
(15.05.2001)(30) 09/855,038 15 May/mai 2001 US
(15.05.2001)(30) 09/855,024 15 May/mai 2001 US
(15.05.2001)(30) 09/855,025 15 May/mai 2001 US
(15.05.2001)(30) 09/855,015 15 May/mai 2001 US
(15.05.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • HIGH-PERFORMANCE NETWORK SWITCH

• COMMUTATEUR DE RESEAU A HAUTE PERFORMANCE

(71) FOUNDRY NETWORKS, INC. [US/US]; 2100 Gold Street, San Jose, CA 95164-9100 (US).

(71, 72) CHANG, Andrew [—/US]; 679 Orange Avenue, Los Altos, CA 94022 (US).
PATEL, Ronak [US/US]; 275 Old Adobe Road, Los Cralos, CA 95032 (US).
WONG, Ming, G. [US/US]; 4170 Pinot Gris Way, San Jose, CA 95135 (US).
LIN, Yu-Mei [—/US]; 1338 Longfellow Way, San Jose, CA 95129 (US).

(74) RAY, Michael, B. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

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

(51)⁷ H04J

(11) WO 02/41545 (13) A2

(21) PCT/US01/43589

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,357 14 Nov/nov 2000 US
(14.11.2000)(30) 60/270,254 20 Feb/fév 2001 US
(20.02.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • WIRELESS CLOCK SYNCHRONIZA-
TION• SYNCHRONISATION D'HORLOGE
SANS FIL(71) SYMBOL TECHNOLOGIES INC.
[US/US]; One Symbol Plaza, Holtsville,
NY 11742-1300 (US).(72) BEKRITSKY, Benjamin, J.; 729 West
189th Street, Apt. 2C, New York, NY 10033
(US). GOREN, David; 54 Steven Place,
Smithtown, NY 11787 (US). SAKODA,
William; 9 Woodchuck Lane, East Stauket,
NY 11733 (US). BRIDGELALL, Raj; 1
Flora Drive, Mount Sinai, NY 11766 (US).(74) ARONS, Edward M.; Fish & Neave, 1251
Avenue of the Americas, New York, NY
10020 (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 SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).(51)⁷ H04J 3/00

(11) WO 02/41546 (13) A2

(21) PCT/EP01/13124

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 09/713,778 14 Nov/nov 2000 US
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEMS AND METHODS FOR CON-
TROLLING AUDIBLE SPEECH DIS-
TORTION IN A GPS-BASED CDMA
WIRELESS NETWORK USING ATM
TRANSPORT• SYSTEMES ET PROCEDES DE RE-
DUCTION DE DISTORSION VOCALE
AUDIBLE DANS UN RESEAU SANS
FIL AMDC BASE SUR LE GPS UTILI-
SANT LE TRANSPORT MTA(71) TELEFONAKTIEBOLAGET L M ERIC-
SSON (publ) [SE/SE]; S-126 25 Stockholm
(SE).(72) CHUN, Dexter; 3904 Santa Nella Pl., San
Diego, CA 92130 (US). DESHPANDE,

Manoj; 11688 Castile Way, San Diego, CA
92128 (US). HICKS, Steve; 1740 Somerset
St., San Diego, CA 92007 (US). KNIGHT,
Bob; 5044 Litchfield Rd., San Diego, CA
92116 (US). LEE, Kc; 17238 Russet St., San
Diego, CA 92127 (US). PALAKODETY,
Ravi; 11869 Cypress Valley, San Diego,
CA 92131 (US). RAMASWAMY, Ramesh;
11421 Southbrook Court, San Diego, CA
92128 (US). GUSTAVO, Serena; 11108
Caminito Alvarez, San Diego, CA 92121
(US). WALKER, Dave; 2474 Quail Creek
Pl., Escondido, CA 92027 (US). ZHANG,
Jun; 11435 Trailbrook Lane, San Diego, CA
92128 (US).

(74) HOFFMANN EITLE 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 NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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
designations(51)⁷ H04J 3/00, H04L 27/10

(11) WO 02/41547 (13) A1

(21) PCT/SE01/02311

(22) 22 Oct/oct 2001 (22.10.2001)

(25) sv (26) en

(30) 0003816-6 23 Oct/oct 2000 SE
(23.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR WIRE-
LESS BROADCAST ON A NUMBER OF
CARRIER WAVES• DISPOSITIF ET PROCEDE POUR
LA DIFFUSION SANS FIL SUR UN
NOMBRE D'ONDES PORTEUSES(71) TERACOM AB [SE/SE]; Box 17666, S-118
92 Stockholm (SE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) OSSFELDT, Jan [SE/SE]; Diamantgån-
gen 219, S-135 49 Tyresö (SE). RUOTTI-
NEN, Per [SE/SE]; Skeppargatan 83, S-115
30 Stockholm (SE). WITTBORN, Christina
[SE/SE]; Folkskolegatan 18, S-117 35 Stock-
holm (SE).(74) ANDERSSON, Per et al. / etc.; Albihs
Göteborg AB, P.O. Box 142, S-401 22 Göte-
borg (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 ES FI GB GD GE GH GM
HR HU ID 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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ H04J 11/00

(11) WO 02/41548 (13) A1

(21) PCT/JP01/09935

(22) 14 Nov/nov 2001 (14.11.2001)

(25) ja (26) ja

(30) 2000-351766 17 Nov/nov 2000 JP
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • OFDM COMMUNICATION DEVICE

• DISPOSITIF DE COMMUNICATION
PAR MULTIPLEXAGE FREQUENTIEL
OPTIQUE (OFDM)(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) SUDO, Hiroaki [JP/JP]; 6-2-405. Hikari
no Oka, Yokosuka-shi, Kanagawa 239-0847
(JP).(74) WASHIDA, Kimihito; 5th Floor, Shin-
toshicenter Bldg., 24-1, Tsurumaki 1-chome,
Tama-shi, Tokyo 206-0034 (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 02/41549 (13) A1

(21) PCT/CN01/01184

(22) 19 Jul/juil 2001 (19.07.2001)

(25) zh (26) zh

(30) 00 1 31920.5 20 Oct/oct 2000 CN
(20.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR IMPROVING CHAN-
NEL ESTIMATION ACCURACY OF
WIRELESS COMMUNICATION SYS-
TEM• PROCEDE PERMETTANT D'AMELIO-
RER LE DEGRE DE PRECISION DE
L'ESTIMATION DE CANAUX DANS
UN SYSTEME DE COMMUNICATION
SANS FIL(71) HUAWEI TECHNOLOGIES CO., LTD.
[CN/CN]; Huawei service centre building,
Kefa Road, Science-Based Industrial Park,
Nanshan District, Guangdong, Shenzhen
518057 (CN).(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **CAI, Zhaohui** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Guangdong, Shenzhen 518057 (CN).

(74) **CHINA SCIENCES PATENT & TRADE-MARK AGENT LIMITED**; Zhongke Building, 16th floor, 80 Haidian Road, Haidian District, Beijing 100080 (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 13/02**

(11) **WO 02/41550** (13) A1

(21) PCT/CN01/01558

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/712,135 **15 Nov/nov 2000** US
(15.11.2000)

(30) 09/730,835 **7 Dec/déc 2000** US
(07.12.2000)

(30) 09/970,995 **5 Oct/oct 2001** US
(05.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • NON-LINEAR CODE-DIVISION MULTIPLE ACCESS TECHNOLOGY WITH IMPROVED DETECTION ALGORITHMS AND ERROR CORRECTION CODING

• TECHNOLOGIE D'ACCES MULTIPLE A REPARTITION PAR CODE NON LINEAIRE FAISANT APPEL A DES ALGORITHMES DE DETECTION AMELIORES ET UN CODAGE A CORRECTION D'ERREUR

(71) **GO-CDMA LIMITED** [CN/CN]; Suite No.1, 3rd Floor, Winsome House, 73 Wyndham Street, Central, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALFRED, Keng, Tiong, Tan** [CN/CN]; Flat A 21/Floor Block 4, Tsuen King Garden, Tsuen Wan NT, Hong Kong (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 10/F Ocean Floor, 158 Fuxingmennei Street, Beijing 100031 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

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

(51)⁷ **H04L**

(11) **WO 02/41551** (13) A2

(21) PCT/CN01/01523

(22) **1 Nov/nov 2001 (01.11.2001)**

(25) en (26) en

(30) 09/712,135 **15 Nov/nov 2000** US
(15.11.2000)

(30) 09/730,835 **7 Dec/déc 2000** US
(07.12.2000)

(30) 09/970,768 **5 Oct/oct 2001** US
(05.10.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR NON-LINEAR CODE-DIVISION MULTIPLE ACCESS TECHNOLOGY

• PROCEDE ET APPAREIL UTILISES AVEC LA TECHNOLOGIE D'ACCES MULTIPLE A REPARTITION PAR CODE NON LINEAIRE

(71) **GO-CDMA LIMITED** [CN/CN]; Suite No.1, 3rd Floor, Winsome House, 73 Wyndham Street, Central, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAN, Alfred, Keng, Tiong** [CN/CN]; Flat A 21/Floor Block 4, Tsuen King Garden, Tsuen Wan NT, Hong Kong (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 10th Floor, Ocean Plaza, 158 Fuxingmennei Street, Beijing 100031 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L**

(11) **WO 02/41552** (13) A2

(21) PCT/US01/42876

(22) **25 Oct/oct 2001 (25.10.2001)**

(25) en (26) en

(30) 09/704,514 **1 Nov/nov 2000** US
(01.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPLICATION DEVELOPMENT INTERFACE FOR MULTI-USER APPLICATIONS EXECUTABLE OVER COMMUNICATION NETWORKS

• INTERFACE SERVANT A DEVELOPPER DES APPLICATIONS MULTI-UTILISATEURS POUVANT ETRE EXECUTEES SUR UNE PLURALITE DE RESEAUX DE COMMUNICATION

(71) **SONY COMPUTER ENTERTAINMENT AMERICA** [US/US]; 919 East Hillsdale

Blvd., 2nd Floor, Foster City, CA 94404-2175 (US).

(72) **GUY, Charles, H.**; Sony Computer Entertainment America, 919 East Hillsdale Blvd., 2nd floor, Foster City, CA 94404-2175 (US).
VAN DATTA, Glen, A.; Sony Computer Entertainment America, 919 East Hillsdale Blvd., 2nd floor, Foster City, CA 94404-2175 (US).
FERNANDES, Joao, A.; 1206 Queen Anne Avenue N. #305, Seattle, WA 98109 (US).

(74) **STANIFORD, Geoffrey**; Dergosits & Noah LLP, 4 Embarcadero Center, Suite 1150, San Francisco, CA 94111 (US).

(81) AU BR CA CN IN KR MX NZ RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04L**

(11) **WO 02/41553** (13) A2

(21) PCT/US01/43026

(22) **9 Nov/nov 2001 (09.11.2001)**

(25) en (26) en

(30) 09/711,881 **15 Nov/nov 2000** US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR ROUTING DATABASE REQUESTS TO A DATABASE AND A CACHE

• SYSTEME ET PROCEDE D'ACHEMINEMENT DE DEMANDES DE BASE DE DONNEES VERS UNE BASE DE DONNEES ET A UNE MEMOIRE CACHE

(71) **INFOCRUISER, INC.** [US/US]; 4121 Wilson Boulevard, Suite 650, Arlington, VA 22203 (US).

(72) **SMITH, Erik, Richard**; 266 Melrose Avenue, Encinitas, CA 92024 (US).
CONLEY, Paul, Alan; 15418 Snow Hill Lane, Centerville, VA 20120 (US).

(74) **COOLEY GODWARD LLP**; Attn: Patent Group, One Freedom Square - Reston Town Center, 11951 Freedom Drive, Reston, VA 20190-5601 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **H04L**

(11) **WO 02/41554** (13) A2

(21) PCT/US01/43289

(22) **20 Nov/nov 2001 (20.11.2001)**

(25) en (26) en

(30) 09/717,474 **20 Nov/nov 2000** US
(20.11.2000)

- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DYNAMIC FILE ACCESS CONTROL AND MANAGEMENT
• GESTION ET COMMANDE D'ACCES DYNAMIQUE AUX FICHIERS
- (71) **AEREOUS, INC.** [US/US]; 323 North First, Ann Arbor, MI 48103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRAHAM, Todd, D.** [CA/US]; 833 East University #2, Ann Arbor, MI (US). **HUDSON, Jonathan, C.** [US/US]; 38 Lakecrest Lane, Grosse Pointe Farms, MI 48236 (US).
- (74) **MELLO, David, M.**; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41555** (13) A2
- (21) PCT/US01/43707
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/252,190 **20 Nov/nov 2000** US
(20.11.2000)
- (30) 60/252,539 **22 Nov/nov 2000** US
(22.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ONLINE INTERACTIVE IDENTIFICATION
• IDENTIFICATION INTERACTIVE EN LIGNE
- (71) **GREENEXCHANGE, INC.** [US/US]; 6120 Pacey del Norte, Suite M-2, Carlsbad, CA 92009 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAMSON, Donette** [US/US]; Greenexchange, Inc., 6120 Pacey del Norte, Suite M-2, Carlsbad, CA 92009 (US). **FAULK, Ronald** [US/US]; Greenexchange, Inc., 6120 Pacey del Norte, Suite M-2, Carlsbad, CA 92009 (US).
- (74) **FISH, Robert, D.**; Rutan & Tucker, LLP, 611 Anton Blvd., 14th Floor, P.O. Box 1950, Costa Mesa, CA 92626 (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 SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41557** (13) A2
- (21) PCT/US01/45599
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 2000-353475 **20 Nov/nov 2000** JP
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF VECTOR ANALYSIS FOR A DOCUMENT
• PROCEDE D'ANALYSE VECTO-RIELLE APPLIQUE A UN DOCUMENT
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWATANI, Takahiko** [JP/JP]; 1950-21-3-515, Matsuura-cho, Kanazawa-ku, Yokohama, Kanagawa (JP).
- (74) **GREELEY, Paul, D.** et al. / etc.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).
- (81) CN US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04L**
- (11) **WO 02/41558** (13) A2
- (21) PCT/US01/45799
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/715,992 **16 Nov/nov 2000** US
(16.11.2000)
- (30) 09/800,397 **5 Mar/mar 2001** US
(05.03.2001)
- (30) 608187,194 **6 Mar/mar 2001** US
(06.03.2001)
- (30) 09/974,030 **10 Oct/oct 2001** US
(10.10.2001)
- (30) Not furnished / **24 Oct/oct 2001** US
non communiqué (24.10.2001)
- (30) Not furnished / **24 Oct/oct 2001** US
non communiqué (24.10.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ENHANCED FIBER NODES WITH CMTS CAPABILITY
• NOEUDS DE FIBRE AMELIORES A FONCTIONNALITE CMTS
- (71) **PACIFIC BROADBAND COMMUNICATIONS, INC.** [US/US]; 3103 North First Street, San Jose, CA 95134 (US).
- (72) **LIVA, Valentino**; 954 Leonello Avenue, Los Altos, CA 94024 (US). **SHARMA, Alok**; 2272 Quail Bluff Place, San Jose, CA 95121 (US).
- (74) **JAFFER, H., David**; Pillsbury Winthrop LLP, 2550 Hanover Street, Palo Alto, CA 94304-1115 (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 PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41559** (13) A2
- (21) PCT/US01/48020
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/711,493 **13 Nov/nov 2000** US
(13.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DIGITAL MEDIA RECOGNITION APPARATUS AND METHODS

- APPAREIL ET PROCÉDES DE RECONNAISSANCE DE SUPPORTS NUMÉRIQUES
- (71) **VISUAL KEY, INC.** [US/US]; 1606 Hillridge Blvd., Anne Arbor, MI 48103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STERNBERG, Stanley, R.** [US/US]; 1606 Hillridge Blvd., Anne Arbor, MI 48103 (US). **DARGEL, William** [US/US]; 100 W. Joy Rd., Anne Arbor, MI 48105 (US). **LENNINGTON, John, W.** [US/US]; 2491 Oakdale Dr., Anne Arbor, MI 48108 (US). **VOILES, Thomas** [US/US]; 90 W. Joy Rd., Ann Arbor, MI 48105 (US).
- (74) **POSA, John, G.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson, & Citkowski, PC., Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 49009 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41560** (13) A2
- (21) PCT/US01/50071
- (22) **24 Oct/oct 2001 (24.10.2001)**
- (25) en (26) en
- (30) 09/697,015 **25 Oct/oct 2000** US
(25.10.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ACCESS CONTROL SYSTEMS AND METHODS
- SYSTEMES ET PROCÉDES DE COMMANDE D'ACCES
- (71) **DIGIMARC CORPORATION** [US/US]; 19801 SW 72nd Avenue, Suite 100, Tualatin, OR 97062 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVIS, Bruce, L.** [US/US]; 15599 Village Drive, Lake Oswego, OR 97034 (US). **RHOADS, Geoffrey, B.** [US/US]; 2961 SW Turner Road, West Linn, OR 97068 (US).
- (74) **CONWELL, William, Y.**; Digimarc Corporation, 19801 SW 72nd Avenue, Suite 100, Tualatin, OR 97062 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41561** (13) A2
- (21) PCT/US01/51345
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) en (26) en
- (30) 60/249,092 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR PREDICTING AND IMPROVING THE LIKELIHOOD OF SUCCESS OF ORGANIZATION INTERACTIONS
- PROCÉDE SERVANT A PREDIRE ET A AMELIORER LA VRAISEMBLANCE DE REUSSITE D'INTERACTIONS D'ORGANISATIONS
- (71, 72) **PERLMUTTER, Howard, V.** [US/US]; 773 Millbrook Lane, Haverford, PA 19041 (US).
- (74) **LIPTON, Robert, S.** et al. / etc.; Lipton, Weinberger & Husick, 201 North Jackson Street, P.O. Box 934, Media, PA 19063-0934 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **H04L**
- (11) **WO 02/41562** (13) A2
- (21) PCT/US01/51361
- (22) **25 Oct/oct 2001 (25.10.2001)**
- (25) en (26) en
- (30) 60/249,304 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • MOTIVATING PROSPECTING FOR VALUABLE COMPONENTS
- ENCOURAGEMENTS A LA PROSPECTION DE COMPOSANTS PRECIEUX
- (71) **DECATUR, Stephen, H.** [US/US]; 19802 Skycountry Lane, Houston, TX 77094 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **INDIGOPOOL.COM, INC** [US/US]; Suite 900, 5444 Westheimer, Houston, TX 77056 (US).
(only for / seulement pour CA)
- (71) **INDIGOPOOL.COM, LTD.** [—/—]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf CA US)
- (74) **BOUCHARD, John, H.**; Schlumberger, 5599 San Felipe, Suite 1700, Houston, TX 77056-2722 (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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/00**
- (11) **WO 02/41563** (13) A2
- (21) PCT/US01/45742
- (22) **1 Nov/nov 2001 (01.11.2001)**
- (25) en (26) en
- (30) 60/248,440 **14 Nov/nov 2000** US
(14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • TURBO DECODER WITH CIRCULAR REDUNDANCY CODE SIGNATURE COMPARISON
- TURBO DECODEUR A COMPARAISON DE CODES-SIGNATURES PAR REDONDANCE CIRCULAIRE
- (71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
- (72) **BASS, David**; 161 Schenck Avenue, Great Neck, NY 11021 (US).
- (74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., Suite 400, On Penn Center, 1617 John F. Kennedy Boulevard, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41564** (13) A2
- (21) PCT/SE01/02412
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) en (26) en
- (30) 0028068-5 **16 Nov/nov 2000** GB
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SECURING VOICE OVER IP TRAFFIC
- SECURISATION DU TRAFIC VOIX SUR IP
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **LINDBORG, Seppo**; Kuudestie 3, FIN-01510 Vantaa (FI). **TURTIAINEN,**

Esa; Kartanonkuja 8H, FIN-02360 Espoo (FI). **SCHULTZ, Göran**; Björkhagsgatan 10, FIN-21600 Pargas (FI). **KÄRNÄ, Juha-Petri**; Hakarinne 2 O 186, Fin-02100 Espoo (FI). **LINNAKANGAS, Tommi**; Piispantie 6 B 10, FIN-00370 Helsinki (FI).

(74) **GULLSTRAND, Malin**; Ericsson Radio Systems AB, Patent Unit Research, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41565 (13) A1

(21) PCT/US01/43635

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,434 16 Nov/nov 2000 US (16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD, SYSTEM AND DEVICES FOR AUTHENTICATING TRANSACTIONS USING VERIFICATION CODES
• PROCEDE, SYSTEME ET DISPOSITIFS D'AUTHENTIFICATION DE TRANSACTIONS A L'AIDE DE CODES DE VERIFICATION

(71, 72) **BROWN, Richard, Dean** [US/US]; 8814 Jim Davis Place, Austin, TX 78736 (US).

(74) **WIESE, William, D.**; Jenkins & Gilchrist, a Professional Corporation, 1445 Ross Avenue, Suite 3200, Dallas, TX 75202 (US).

(81) CN JP KR SG US.

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 9/00

(11) WO 02/41566 (13) A2

(21) PCT/US01/43651

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/712,505 14 Nov/nov 2000 US (14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • CRYPTOGRAPHIC COMBINER USING TWO SEQUENTIAL NON-ASSOCIATIVE OPERATIONS
• COMBINEUR CRYPTOGRAPHIQUE UTILISANT DEUX OPERATIONS SEQUENTIELLES NON ASSOCIATIVES

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **DRISCOLL, Kevin, R.**; 7249 West Timber Lane, Maple Grove, MN 55369 (US).

(74) **ROGER, H., Criss** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ H04L 12/00

(11) WO 02/41567 (13) A2

(21) PCT/EP01/12834

(22) 6 Nov/nov 2001 (06.11.2001)

(25) de (26) de

(30) 100 56 497.6 15 Nov/nov 2000 DE (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR PROVIDING TEMPORAL INFORMATION IN A HOUSEHOLD APPLIANCE

• PROCEDE ET DISPOSITIF DE MISE A DISPONIBILITE D'UNE INFORMATION TEMPORELLE DANS UN APPAREIL DOMESTIQUE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).

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

(72, 75) **BERTHOLD, Arndt** [DE/DE]; Humboldtstr. 17, 04105 Leipzig (DE). **BÖLDT, Frank** [DE/DE]; Lange Str. 22, 14656 Brieselang (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstr. 17, 81669 München (DE).

(81) CN JP KR PL SI US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : CN JP KR PL SI EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(51)⁷ H04L 12/00

(11) WO 02/41568 (13) A2

(21) PCT/EP01/12876

(22) 7 Nov/nov 2001 (07.11.2001)

(25) de (26) de

(30) 100 56 493.3 15 Nov/nov 2000 DE (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR CONTROLLING DOMESTIC APPLIANCES

• PROCEDE ET DISPOSITIF POUR COMMANDER DES APPAREILS ELECTRO-MENAGERS

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstrasse 17, 81669 München (DE).

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

(72, 75) **BERTHOLD, Arndt** [DE/DE]; Humboldtstrasse 17, 04105 Leipzig (DE).

BÖLDT, Frank [DE/DE]; Lange Strasse 22, 14656 Brieselang (DE). **BLAUERT, Peter** [DE/DE]; Käthe-Heinemann-Weg 6, 13591 Berlin (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstrasse 17, 81669 München (DE).

(81) CN JP KR PL SI US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (q1)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : CN JP KR PL SI EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(51)⁷ H04L 12/00

(11) WO 02/41569 (13) A2

(21) PCT/EP01/12877

(22) 7 Nov/nov 2001 (07.11.2001)

(25) de (26) de

(30) 100 56 494.1 15 Nov/nov 2000 DE (15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND DEVICE FOR CONTROLLING A DOMESTIC APPLIANCE

• PROCEDE ET DISPOSITIF POUR COMMANDER UN APPAREIL ELECTRO-MENAGER

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).

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

(72, 75) **BERTHOLD, Arndt** [DE/DE]; Humboldtstr. 17, 04105 Leipzig (DE). **BÖLDT, Frank** [DE/DE]; Lange Str. 22, 14656 Brieselang (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstr. 17, 81669 München (DE).

(81) CN JP KR PL SI US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (q1)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : CN JP KR PL SI EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(51)⁷ H04L 12/00

(11) WO 02/41570 (13) A2

(21) PCT/EP01/12941

(22) 8 Nov/nov 2001 (08.11.2001)

(25) de (26) de

(30) 100 56 492.5 15 Nov/nov 2000 DE (15.11.2000)

- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD AND DEVICE FOR TRANSMITTING INFORMATION
● PROCEDE ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS
- (71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERTHOLD, Arndt** [DE/DE]; Humboldtstr. 17, 04105 Leipzig (DE). **BÖLDT, Frank** [DE/DE]; Lange Str. 22, 14656 Brieselang (DE).
- (74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstr. 17, 81669 München (DE).
- (81) CN JP KR PL SI US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (q1)
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : CN JP KR PL SI EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
-
- (51)⁷ **H04L 12/00**
- (11) **WO 02/41571** (13) A2
(21) PCT/EP01/13180
(22) **13 Nov/nov 2001 (13.11.2001)**
(25) en (26) en
(30) PI2000A000075 **16 Nov/nov 2000** IT
(16.11.2000)
(30) PI2000A000081 **15 Dec/déc 2000** IT
(15.12.2000)
(30) PI2001A000039 **14 May/mai 2001** IT
(14.05.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● APPARATUS AND METHOD FOR INTEGRATING PHONE COMMUNICATIONS AND DATA TRANSMISSION ON LANs AND FOR AUTOMATICALLY SELECTING LOWEST-PRICES CARRIER AND CONNECTION MODE
● DISPOSITIF ET PROCEDE PERMETTANT D'INTEGRER DES COMMUNICATIONS TELEPHONIQUES ET DES TRANSMISSIONS DE DONNEES SUR DES RL ET DE SELECTIONNER AUTOMATIQUEMENT L'ENTREPRISE DE TELECOMMUNICATIONS ET LE MODE DE CONNEXION LES MEILLEURS MARCHES
- (71) **C.D.C. S.R.L.** [IT/IT]; Via Tosco Romagna, 63, I-56012 Fornacette di Calcinai (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIOMELLI, Giuseppe** [IT/IT]; Via Amendola, 21, I-56025 Pontedera (IT).
- (74) **CIOPI, Gianluigi**; Italtbrevetti di G. Giorgi, Piazza della Libertà, 14, I-56025 Pontedera (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 12/00**
- (11) **WO 02/41573** (13) A2
(21) PCT/IB01/02751
(22) **20 Nov/nov 2001 (20.11.2001)**
(25) en (26) en
(30) 0028261.6 **20 Nov/nov 2000** GB
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● NETWORK RESOURCE REALLOCATION IN IUB
● REALLOCATION DE RESSOURCES RESEAU EN IUB
- (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) **HWANG, Woonhee** [KR/FI]; Tallbergin Puistotie 1 C 25, FIN-00200 Helsinki (FI).
- SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 12/00**
- (11) **WO 02/41572** (13) A2
(21) PCT/IB01/01885
(22) **21 Aug/août 2001 (21.08.2001)**
(25) en (26) en
(30) 09/715,152 **20 Nov/nov 2000** US
(20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● AN APPARATUS AND METHOD FOR BUNDLING ASSOCIATED NETWORK PROCESS FLOWS IN SERVICE AWARE NETWORKS
● APPAREIL ET PROCEDE DE REGROUPEMENT DE FLUX DE TRAITEMENT DE RESEAUX ASSOCIES DANS DES RESEAUX A COMPATIBILITE DE SERVICES
- (71) **P-CUBE LTD.** [IL/IL]; Medinat Hayehudim Street 85, 45766 Herzelia (IL).
- (72) **BEN NUN, Michael**; HaHagana Street 20, 47203 Ramat Hasharon (IL). **RAVID, Sagi**; Yahalom Street 6, 30900 Zichron Yakov (IL). **RAVOY, Oren**; Karni Street 22, 69025 Tel Aviv (IL). **GOTESDYNER, Rony**; Gush Etsion Street 4, 54030 Givat Shmuel (IL). **WEILL, Ofer**; 1036, 99850 Moshav Aderet (IL).
- (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 12/00**
- (11) **WO 02/41574** (13) A2
(21) PCT/US01/44027
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/713,888 **16 Nov/nov 2000** US
(16.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● COLLECTING INFORMATION BEFORE OR DURING A CALL
● COLLECTE D'INFORMATIONS AVANT OU PENDANT UN APPEL
- (63) US 09/713,888 (CON)
16 Nov/nov 2002 (16.11.2002)
- (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, 75) **DORE, Tammy, S.** [US/US]; 311 Bluefield, San Antonio, TX 78230 (US). **CRAYCRAFT, Steven, W.** [US/US]; 7317 Paul Calle Drive, Plano, TX 75025 (US). **SHARMA, Pratima** [IN/US]; 8317 Fountain Springs Drive, Plano, TX 75025 (US). **DEUTSCH, Joseph, J.** [US/US]; 8505 Stoneview Drive, Frisco, TX 75034 (US).
- (74) **HU, Dan, C.**; Trop Pruner & Hu, P.C., 8554 Katy Freeway, Ste. 100, Houston, TX 77024 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 12/00**
- (11) **WO 02/41575** (13) A2
(21) PCT/US01/45691
(22) **2 Nov/nov 2001 (02.11.2001)**
(25) en (26) en
- MARIN, Jukka** [FI/FI]; Nallenpolku 4 D 55, FIN-02110 Espoo (FI).
- (74) **RUUSKANEN, Juha-Pekka** et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (FI).
- (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 PH PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (30) 60/246,401 **7 Nov/nov 2000** US
(07.11.2000) *(for all designated States except / pour tous les États désignés sauf US)*
- (30) 09/797,200 **1 Mar/mar 2001** US
(01.03.2001) (72, 75) **HORLANDER, Thomas, Edward** [US/US]; 6234 Haverford Avenue, Indianapolis, IN 46220 (US). **CARLSGAARD, Eric, Stephen** [US/US]; 5964 Richmond Lane, Indianapolis, IN 46254 (US).
- (30) 60/285,211 **20 Apr/avr 2001** US
(20.04.2001)
- (30) 60/291,073 **15 May/mai 2001** US
(15.05.2001) (74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).
- (30) 09/879,811 **12 Jun/juin 2001** US
(12.06.2001) (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SYSTEMS AND METHODS FOR MANAGING DIFFERENTIATED SERVICE IN INFORMATION MANAGEMENT ENVIRONMENTS
● SYSTEMES ET PROCÉDES DE GESTION DE SERVICE DIFFERENCIE DANS DES ENVIRONNEMENTS DE GESTION DE L'INFORMATION
- (71) **SURGIENT NETWORKS, INC.** [US/US]; 8303 North Mopac, Suite C-300, Austin, TX 78759 (US).
- (72) **JOHNSON, Scott, C.**; 3612 Galena Hills Loop, Round Rock, TX 78681 (US). **FERNANDER, Robert, B.**; 3610 Bonnie Road, Austin, TX 78703 (US). **HARTSELL, Neal, D.**; 2705 Clearview Drive, Austin, TX 78707 (US). **JACKSON, Gregory, J.**; 501 Madrone Canyon Drive, Dripping Springs, TX 78620 (US). **QIU, Chaoxin, C.**; 10720 Bramblecrest Drive, Austin, TX 78726 (US). **RICHTER, Roger, K.**; 15248 Faubion Trail, Leander, TX 78641 (US).
- (74) **ENDERS, William, W.**; O'KEEFE, EGAN & PETERMAN, LLP, 1101 Capital of Texas Hwy. South, Suite C-200, Austin, TX 78746 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 12/00**
(11) **WO 02/41576** (13) A2
(21) PCT/US01/46952
(22) **8 Nov/nov 2001 (08.11.2001)**
(25) en (26) en
(30) 09/716,721 **20 Nov/nov 2000** US
(20.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● SERIAL COMPRESSED BUS INTERFACE HAVING A REDUCED PIN COUNT
● INTERFACE DE BUS SERIE COMPRESSEE A NOMBRE REDUIT DE BROCHES
- (71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai A. Le Gallo, F-92648 Boulogne Cedex (FR).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 12/18, 12/56**
(11) **WO 02/41577** (13) A2
(21) PCT/EP01/12265
(22) **24 Oct/oct 2001 (24.10.2001)**
(25) en (26) en
(30) 60/248,836 **16 Nov/nov 2000** US
(16.11.2000)
(30) 09/884,163 **20 Jun/juin 2001** US
(20.06.2001)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● SUBGROUP MULTICASTING IN A COMMUNICATIONS NETWORK
● MULTIDIFFUSION DE SOUS-GROUPES DANS UN RESEAU DE COMMUNICATION
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **HAMELEERS, Heino**; Loysenstrasse 8, NL-6471 VN Kerkrade (NL). **HUNDSCHEIDT, Frank**; Spiesstraat 63, NL-6463 BK Kerkrade (NL).
- (74) **MOHSLER, Gabriele**; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 12/24, 29/06**
(11) **WO 02/41578** (13) A2
(21) PCT/US01/45051
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) en (26) en
(30) 09/712,017 **14 Nov/nov 2000** US
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) ● METHOD AND APPARATUS FOR AUTOMATED ASSISTANCE IN CONFIGURING CUSTOMER PREMISES EQUIPMENT
● PROCÉDE ET APPAREIL D'ASSISTANCE AUTOMATIQUE LORS DE LA CONFIGURATION DE L'EQUIPEMENT D'UNE INSTALLATION CLIENT
- (71) **EFFICIENT NETWORKS, INC.** [US/US]; 4849 Alpha Road, Dallas, TX 75244 (US).
- (72) **PERRY, William, A., Jr.**; 3837 Azure Lane, Addison, TX 75001 (US). **KEHN, Robert, D.**; 3917 Oakmont Drive, The Colony, TX 75056 (US). **NEILSON, Eric, C.**; 18880 Marsh Lane #910, Dallas, TX 75287 (US).
- (74) **KUBEHL, Douglas, M.**; Baker Botts L.L.P., Suite 600, 2001 Ross Avenue, Dallas, TX 75201-2980 (US).
- (81) JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ **H04L 12/28**
(11) **WO 02/41579** (13) A1
(21) PCT/CH00/00597
(22) **9 Nov/nov 2000 (09.11.2000)**
(25) de (26) de
(43) 23 May/mai 2002 (23.05.2002)
(54) ● METHOD FOR GROUPING AND TRANSMITTING MULTIMEDIA DATA
● PROCÉDE SERVANT A RASSEMBLER ET A TRANSMETTRE DES DONNEES MULTIMEDIA
- (71) **SWISSCOM AG** [CH/CH]; Ostermundigenstrasse 93, CH-3000 Bern 29 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEDERMANN, Daniel** [CH/CH]; Einschlag, CH-3128 Rümli (CH). **BEN YACOUB, Souheil** [TN/CH]; Postfach, CH-3050 Bern (CH). **HERRMANN, Beat** [CH/CH]; Klaraweg 37, CH-3006 Bern (CH). **SCHLAUSS, Denis** [CH/CH]; Blankweg 7, CH-3072 Ostermundigen (CH).
- (74) **BOVARD AG**; Optingenstrasse 16, CH-3000 Bern 25 (CH).
- LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/28, 29/06**

(11) **WO 02/41580** (13) A1

(21) PCT/DE00/03996

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) de (26) de

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR SELECTING NETWORK ACCESSES

• DISPOSITIF ET PROCÉDE POUR SELECTIONNER DES ACCES A UN 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) **GRIMMINGER, Jochen** [DE/DE]; Mettenstrasse 17, 80638 Muenchen (DE). **HUTH, Hans-Peter** [DE/DE]; Baldurstrasse 93, 80638 Muenchen (DE). **LAUTENBACHER, Markus** [DE/DE]; Warbergstrasse 2, 82487 Oberammergau (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AU BR CA CN HU ID IN JP KR MX NO PL RU US VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04L 12/28**

(11) **WO 02/41581** (13) A2

(21) PCT/DE01/04131

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) de (26) de

(30) 100 56 470.4 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE AND METHOD FOR COUPLING BUILDING NETWORKS AND GLOBAL NETWORKS

• DISPOSITIF ET PROCÉDE DE COUPLAGE DE RESEAUX D'IMMEUBLE ET DE RESEAUX GLOBAUX

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **FICHTNER, Norbert** [DE/DE]; Kaiser-Otto-Ring 30, 84069 Schierling (DE). **GERLACH, Horst** [DE/DE]; An den Klostergründen 17, 93073 Neutraubling (DE). **LUBER, Georg** [DE/DE]; Salzstr. 10, 93158 Teublitz (DE). **WUCHERER, Marc** [DE/DE]; Mittelstr. 13, 90610 Winkelhaid (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04L 12/28, 12/46, 12/40**

(11) **WO 02/41582** (13) A1

(21) PCT/DE01/04237

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) de (26) de

(30) 100 56 469.0 **15 Nov/nov 2000 (15.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • COUPLING DEVICE AND COUPLING METHOD FOR COUPLING OF LOCAL AND GLOBAL NETWORKS

• DISPOSITIF DE COUPLAGE PERMETTANT DE COUPLER DES RESEAUX LOCAUX A UN RESEAU GLOBAL

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **FICHTNER, Norbert** [DE/DE]; Kaiser-Otto-Ring 30, 84069 Schierling (DE). **GERLACH, Horst** [DE/DE]; An den Klostergründen 17, 93073 Neutraubling (DE). **LUBER, Georg** [DE/DE]; Salzstr. 10, 93158 Teublitz (DE). **WUCHERER, Marc** [DE/DE]; Mittelstr. 13, 90610 Winkelhaid (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H04L 12/28, 12/56**

(11) **WO 02/41583** (13) A2

(21) PCT/DE01/04321

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) de (26) de

(30) 100 56 944.7 **17 Nov/nov 2000 (17.11.2000)** DE

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR SELECTING COMMUNICATION NETWORKS BY MEANS OF DYNAMICALLY ADJUSTABLE SELECTION CRITERIA FOR CONTROLLING A LINK SET UP BETWEEN TWO TERMINALS

• PROCÉDE POUR SELECTIONNER DES RESEAUX DE COMMUNICATION A L'AIDE DE CRITERES DE SELECTION A REGLAGE DYNAMIQUE AFIN DE COMMANDER L'ETABLISSEMENT D'UNE CONNEXION ENTRE DES TERMINAUX 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) **BRUMM, Thomas** [DE/DE]; Ringstrasse 13d, 82131 Gauting-Königswiesen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ **H04L 12/28**

(11) **WO 02/41584** (13) A2

(21) PCT/EP01/13155

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) 09/715,595 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM AND METHOD FOR EFFICIENTLY COMMUNICATING DATA OVER MULTIPLE NETWORKS USING VARIOUS TRANSMISSION SCHEMES

• SYSTEME ET PROCÉDE PERMETTANT DE COMMUNIQUER EFFICACEMENT DES DONNEES A TRAVERS DE MULTIPLES RESEAUX A L'AIDE DE PLUSIEURS SCHEMAS DE TRANSMISSION

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

(72) **NGO, Chiu, Y.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **HOEKSTRA, Jelle**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN 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 **H04L 12/28, 12/26, 29/14, G07C 3/00, H02J 13/00**

(11) **WO 02/41585** (13) A2

(21) PCT/EP01/13261

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/715,364 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • INTELLIGENT APPLIANCE HOME NETWORK

• RESEAU DOMESTIQUE INTELLIGENT D'APPAREILS

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

(72) **VAN DER MEULEN, Pieter**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **VOLMER, Georg**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (q1)

(51)⁷ **H04L 12/28**

(11) **WO 02/41586** (13) A2

(21) PCT/EP01/13331

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 00125110.7 **17 Nov/nov 2000 EP (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • WIRELESS SYSTEM CONTAINING A FIRST NETWORK AND A SECOND NETWORK

• SYSTÈME RADIO INTÉGRANT UN PREMIER ET UN SECOND RÉSEAU

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(only for / seulement pour AT BE CH CY DK ES FI FR GB GR IE IT JP LU MC NL PT SE TR)

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, 52064 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **MANGOLD, Stefan** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
WALKE, Bernhard [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
BUDDE, Wolfgang, O. [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
HABETHA, Joerg [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **VOLMER, Georg**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04L 12/28, 12/56, H04Q 7/38**

(11) **WO 02/41587** (13) A2

(21) PCT/US01/51306

(22) **22 Oct/oct 2001 (22.10.2001)**

(25) en (26) en

(30) 60/241,975 **23 Oct/oct 2000 US (23.10.2000)**

(30) 09/911,092 **23 Jul/juil 2001 US (23.07.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND SYSTEM FOR ENABLING CENTRALIZED CONTROL OF WIRELESS LOCAL AREA NETWORKS

• PROCÉDE ET SYSTEME ASSURANT LA COMMANDE CENTRALISEE DE RESEAUX LOCAUX SANS FIL

(71) **BLUESOCKET, INC.** [US/US]; 7 New England Executive Park, Burlington, MA 01803 (US).

(72) **CROSBIE, B., David**; 47 Bay State Avenue, Somerville, MA 02144 (US).

(74) **WAKIMURA, Mary, Lou et al.** / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04L 12/50, H04M 15/00, 11/00, G06F 13/00, 17/60**

(11) **WO 02/41588** (13) A1

(21) PCT/JP00/09132

(22) **22 Dec/déc 2000 (22.12.2000)**

(25) ja (26) ja

(30) 2000/352254 **20 Nov/nov 2000 JP (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • CHARGING SERVER, CHARGING METHOD, RECORDED MEDIUM WHERE CHARGING PROGRAM IS STORED, AND RECORDED MEDIUM WHERE CONNECTION PROGRAM IS STORED

• SERVEUR D'IMPUTATION, PROCÉDE D'IMPUTATION, SUPPORT ENREGISTRÉ PROTEUR D'UN PROGRAMME D'IMPUTATION, ET SUPPORT ENREGISTRÉ PORTEUR D'UN PROGRAMME DE CONNEXION

(71, 72) **MARUYAMA, Mikio** [JP/JP]; 391-10, Ohnuma-cho 1-chome, Kodaira-shi, Tokyo 187-0001 (JP).

(72, 75) **TANAKA, Shinichiro** [JP/JP]; 1753-182, Kannami-cho Hirai, Tagata-gun, Shizuoka 419-0107 (JP).

(74) **RYUKA, Akihiro**; Toshin Building 6F, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/56**

(11) **WO 02/41589** (13) A1

(21) PCT/EP01/12774

(22) **5 Nov/nov 2001 (05.11.2001)**

(25) en (26) en

(30) 0027985.1 **16 Nov/nov 2000 GB (16.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • A COMMUNICATIONS SYSTEM

• SYSTEME DE COMMUNICATIONS

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02510 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOKKONEN, Jani** [FI/FI]; Meiramikuja 3C10, FIN-02940 Espoo (FI).

(74) **SLINGSBY, Philip, Roy**; Page White & Farrer, 54 Doughty Street, London WC1N 1LS (GB) et al. / etc.

(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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, H04Q 11/04**

(11) **WO 02/41590** (13) A1

(21) PCT/GB01/05032

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 0028111.3 **17 Nov/nov 2000 GB (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • MEDIA ACCESS CONTROL FOR WIRELESS SYSTEMS

• COMMANDE D'ACCES AU SUPPORT POUR SYSTEMES SANS FIL

(71) **UNIVERSITY OF SURREY** [GB/GB]; Guildford, Surrey GU2 7XH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAFAZOLLI, Rahim** [GB/GB]; 184 Mulgrave Road, Cheam, Surrey SM2 6JT (GB).
SFIKAS, Georgios [GR/GR]; 63 Nikomidias Street, Keratsini, GR-187 55 Pireas (GR).

(74) **MATHISEN, MACARA & CO.**; The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41591** (13) A2

(21) PCT/SE01/02392

(22) **30 Oct/oct 2001 (30.10.2001)**

- (25) en (26) en (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) 09/712,123 **15 Nov/nov 2000** US (15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PRIORITY SIGNALING FOR CELL SWITCHING
• SIGNALISATION DE PRIORITE POUR LA COMMUTATION DE CELLULES
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
- (72) PETERSEN, Lars-Göran; Hökbursvägen 5, S-147 42 Tumba (SE). HÖRLIN, Dan; Hemskogsvägen 212, S-122 64 Enskede (SE).
- (74) MAGNUSSON, Monica et al. / etc.; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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, H04Q 7/22
- (11) WO 02/41592 (13) A1
- (21) PCT/SE01/02526
- (22) 13 Nov/nov 2001 (13.11.2001)
- (25) en (26) en
- (30) 0004178-0 **14 Nov/nov 2000** SE (14.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • NETWORK REQUESTED PACKET DATA PROTOCOL CONTEXT ACTIVATION
• ACTIVATION DE CONTEXTE DE PROTOCOLE DE DONNEES PAR PAQUETS DEMANDEE PAR RESEAU
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUNDIN, Niklas [SE/SE]; Olbersgatan 6B, S-416 55 Göteborg (SE).
- (74) MAGNUSSON, Monica; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 27/38
- (11) WO 02/41595 (13) A2
- (21) PCT/US01/47158
- (22) 5 Nov/nov 2001 (05.11.2001)
- (25) en (26) en
- (30) 09/707,458 **6 Nov/nov 2000** US (06.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR ADJUSTING THE PHASE OF A RECEIVED SIGNAL
• PROCEDE ET APPAREIL DESTINES AU REGLAGE DE LA PHASE D'UN SIGNAL RECU
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) SIMIC, Emilija, M.; 8435 Via Mallorca #89, La Jolla, CA 92037 (US). YOUNIS, Saed, G.; 12767 Jordan Ridge Court, San Diego, CA 92130 (US). FILIPOVIC, Daniel, F.; 429 South Sierra Avenue #341, Solana Beach, CA 92075 (US).
- (74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 29/00
- (11) WO 02/41596 (13) A2
- (21) PCT/CA01/01594
- (22) 20 Nov/nov 2001 (20.11.2001)
- (25) en (26) en
- (30) 2,326,368 **20 Nov/nov 2000** CA (20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR TARGETED CONTENT PRESENTATION IN A COMMUNICATIONS NETWORK
-
- (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H04L 25/03
- (11) WO 02/41593 (13) A1
- (21) PCT/AT01/00360
- (22) 15 Nov/nov 2001 (15.11.2001)
- (25) de (26) de
- (30) A 1952/2000 **20 Nov/nov 2000** AT (20.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND DEVICE FOR BLINDLY EQUALIZING SIGNALS TRANSMITTED OVER TIME-VARIANT TRANSMISSION CHANNELS
• PROCEDE ET DISPOSITIF D'EGALISATION AVEUGLE DE SIGNAUX TRANSMIS PAR DES VOIES DE TRANSMISSION VARIABLES DANS LE TEMPS
- (71) INNOVATIONSAGENTUR GESELLSCHAFT M.B.H. [AT/AT]; Taborstrasse 10, A-1020 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ARTÉS, Harold [AT/AT]; Institut für Nachrichtentechnik und Hochfrequenztechnik Technische Universität Wien, Gusshausstrasse 25/389, A-1040 Wien (AT). HLAWATSCH, Franz [AT/AT]; Institut für Nachrichtentechnik und Hochfrequenztechnik Technische Universität Wien, Gusshausstrasse 25/389, A-1040 Wien (AT).
- (74) SONN, Helmut et al. / etc.; Reimergasse 14, A-1010 Wien (AT).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ H04L 27/34, 1/00, H03M 13/35, H04L 25/49
- (11) WO 02/41594 (13) A1
- (21) PCT/DE01/04222
- (22) 10 Nov/nov 2001 (10.11.2001)
- (25) de (26) de
- (30) 100 57 282.0 **17 Nov/nov 2000** DE (17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR CODED MODULATION TAKING ACCOUNT OF THE ERROR SENSITIVITY OF THE USER DATA AND ENCRYPTING SAID DATA AFTER CODING
• PROCEDE DE MODULATION CODEE PRENANT EN COMPTE LA SENSIBILITE AUX ERREURS DES DONNEES

• PROCEDE ET SYSTEME DE PRESENTATION D'UN CONTENU CIBLE DANS UN RESEAU DE COMMUNICATION

(71) **ADEXACT CORPORATION** [CA/CA]; 702-101 Frederick Street, Kitchener, Ontario N2H 6R2 (CA).

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

(72, 75) **BACSO, Stephen** [CA/CA]; 147 Claremont Avenue, Kitchener, Ontario N2M 2P9 (CA). **JUNEAU, Rene, J.** [CA/CA]; 155 Westhampton Drive, Thornhill, Ontario L4J 7X2 (CA). **SHANKAR, Sanjeev** [CA/CA]; 523 Clair Creek Blvd., Waterloo, Ontario N2T 1R8 (CA). **SCANLAN, Bruce, David** [CA/CA]; 355 Meadowvale Place, Waterloo, Ontario N2K 3P8 (CA).

(74) **HARRIS, John, D.** et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 29/00**

(11) **WO 02/41597** (13) A2

(21) PCT/GB01/05058

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 09/715,558 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • USE OF INTERNET WEB TECHNOLOGY FOR WIRELESS INTERNET ACCESS

• UTILISATION DE LA TECHNOLOGIE INTERNET DU WEB AFIN D'ACCEDER A INTERNET SANS FIL

(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, William, John** [GB/GB]; Meadow Vale, Dauntsey, Chippenham SN15 4JH (GB). **WILLIAMS, Andrew, Gordon** [GB/GB]; 79 Ashford Road, Swindon SN1 3NT (GB). **BOWRING, Michael** [GB/GB]; Church Cottage, Bussage Hill, Bussage, Stroud GL6 8AY (GB).

(74) **HUDSON, Peter**; InetIP, 121 Blackberry Lane, Four Marks, Alton, Hampshire GU34 5DJ (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 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 PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 29/00**

(11) **WO 02/41598** (13) A2

(21) PCT/US01/43684

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 60/249,790 **17 Nov/nov 2000 (17.11.2000)** US

(43) 23 May/mai 2002 (23.05.2002)

(54) • PRIORITY HANDLING OF VOICE OVER DATA IN A VOICE-OVER-INTERNET PROTOCOL PROCESSOR

• TRAITEMENT DE PRIORITE DE VOIX SUR DONNEES DANS UN PROCESSEUR DE PROTOCOLE VOIX SUR INTERNET

(71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US).

(72) **PREISS, Frank**; Am Bairfeld 7A, 82269 Getendorf (DE).

(74) **BRADEN, Stanton C.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN 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 **H04L 29/06, H04Q 11/04**

(11) **WO 02/41599** (13) A1

(21) PCT/GB01/05076

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) en (26) en

(30) 00310225.8 **17 Nov/nov 2000 (17.11.2000)** EP

(43) 23 May/mai 2002 (23.05.2002)

(54) • INTERFACE DEVICE

• DISPOSITIF A INTERFACE

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).

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

(72, 75) **HILL, Jake** [GB/GB]; 2 Lodge Cottages, Church Lane, Brundish, Woodbridge, Suffolk IP13 8DA (GB). **REGNAULT, John, Christopher** [GB/GB]; 51 Woodbridge Road, Newbourne, Woodbridge, Suffolk IP12 4PA (GB). **ONION, Peter, John** [GB/GB]; 56 New Park Street, Newtown, Colchester, Essex CO1 2NA (GB).

(74) **LLOYD, Barry, George, William**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 29/06, 12/24**

(11) **WO 02/41600** (13) A1

(21) PCT/IB01/02038

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) fr (26) fr

(30) 00/14814 **14 Nov/nov 2000 (14.11.2000)** FR

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR TRANSFERRING FILES BETWEEN SERVICE APPLIANCES AND A REMOTE MANAGEMENT SERVER

• PROCEDE DE TRANSFERT DE FICHIERS ENTRE DES APPAREILS DE SERVICE ET UN SERVEUR DE GESTION A DISTANCE

(71) **SCHLUMBERGER SYSTEMES** [FR/FR]; Service de la Propriété Intellectuelle, 50, avenue Jean Jaurès, F-92120 Montrouge (FR).

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

(71) **SCHLUMBERGER MALCO, INC.** [US/US]; 9800 Reistertown, Owing Mills, MD 21117 (US).

(only for / seulement pour MC)

(72, 75) **GRUNENWALD, Rodolphe** [FR/FR]; 60, avenue d'Estienne d'Orves, F-94340 Joinville-le-Pont (FR).

(74) **SCHLUMBERGER SYSTEMES**; Service de la Propriété Intellectuelle, c/o Fernandez, Francis, 50, avenue Jean-Jaurès, F-92120 Montrouge (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU

- TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 29/06, 12/22, H04Q 7/00**
 (11) **WO 02/41601** (13) A2
 (21) PCT/JP01/09947
 (22) **14 Nov/nov 2001 (14.11.2001)**
 (25) en (26) en
 (30) 2000-350128 **16 Nov/nov 2000 JP (16.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • USER AUTHENTICATION APPARATUS, CONTROLLING METHOD THEREOF, AND NETWORK SYSTEM
 • APPAREIL D'AUTHENTIFICATION D'UTILISATEUR, PROCÉDE DE COMMANDE DE CELUI-CI, ET SYSTEME DE RESEAU
 (71) **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** [SE/SE]; SE-126 25 STOCKHOLM (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KAMIYAMA, Hiroyuki** [JP/JP]; 3-7-22, Tokiwa, Saitama-shi, Saitama 336-0001 (JP). **ANDO, Norio** [JP/JP]; 5-1-814, Deiki 2-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0021 (JP). **CHNG, Joochai** [MY/JP]; 32-5-B101, Awata 2-chome, Yokosuka-shi, Kanagawa 239-0845 (JP).
 (74) **OHTSUKA, Yasunori**; 7th FL., SHUWA KIOICHO PARK BLDG., 3-6, KIOICHO, CHIYODA-KU, Tokyo 102-0094 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 29/08, 9/30**
 (11) **WO 02/41602** (13) A1
 (21) PCT/FI01/00985
 (22) **13 Nov/nov 2001 (13.11.2001)**
 (25) fi (26) en
 (30) 20002508 **15 Nov/nov 2000 FI (15.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • METHOD FOR FORMING AN INTERFACE
 • PROCÉDE RELATIF A L'ETABLISSEMENT D'UNE INTERFACE
 (71) **SONERA SMARTTRUST OY** [FI/FI]; Elimäenkatu 17-19, FIN-00510 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEINONEN, Petteri** [FI/FI]; Postipunttie 12 D 52, FIN-02600 Espoo (FI). **OTRANEN, Jari** [FI/FI]; Tähkäkuja 5 F 80, FIN-01370 Vantaa (FI). **HÄMÄLÄINEN, Antti, P., J.** [FI/FI]; Piennar 2, FIN-00680 Helsinki (FI). **HARJULA, Jari** [FI/FI]; c/o Sonera Smarttrust Oy, Elimäenkatu 17-19, FIN-00510 Helsinki (FI).
 (74) **PAPULA OY**; P.O. Box 981, Fredrikinkatu 61 A, FIN-00101 Helsinki (FI).
 (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 PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M**
 (11) **WO 02/41605** (13) A2
 (21) PCT/US01/48334
 (22) **6 Nov/nov 2001 (06.11.2001)**
 (25) en (26) en
 (30) 60/248,947 **14 Nov/nov 2000 US (14.11.2000)**
 (43) 23 May/mai 2002 (23.05.2002)
 (54) • METHOD AND APPARATUS FOR SIMULTANEOUS RESCUE OF MULTIPLE CONNECTIONS IN TELECOMMUNICATION SYSTEMS
 • PROCÉDE ET APPAREIL POUR EFFECTUER UN SAUVETAGE SIMULTANÉ DE PLUSIEURS CONNEXIONS DANS DES SYSTEMES DE TELECOMMUNICATION
 (63) US 09/978,974 (CIP)
 16 Oct/oct 2001 (16.10.2001)
 (71) **DENSO CORPORATION** [JP/JP]; 1-1, Showa-cho, Kariya-shi, Aichi-ken 448-8661 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HUNZINGER, Jason, F.** [CA/US]; 3425 Calle Del Sur, Carlsbad, CA 92009 (US).
 (74) **KUBOTA, Glenn, M.** et al. / etc.; Morrison & Foerster LLP, Suite 3500, 555 West Fifth Street, Los Angeles, CA 90013-1024 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M**
 (11) **WO 02/41604** (13) A2
 (21) PCT/US01/43465
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 09/715,705 **17 Nov/nov 2000 US (17.11.2000)**

(51)⁷ **H04M 1/00**(11) **WO 02/41606** (13) A1

(21) PCT/CN01/01170

(22) **11 Jul/juil 2001 (11.07.2001)**

(25) zh (26) zh

(30) 00 1 33068.3 **18 Nov/nov 2000 CN (18.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● MOBILE PHONE BEING SEPARATED INTO HANDSET AND HOST PHONE WHICH COULD BE USED AS A PDA AND COMMUNICATION METHOD THEREOF

- TELEPHONE MOBILE DONT LE COMBINE ET LE TELEPHONE HOTE SONT SEPARES SUSCEPTIBLE D'ETRE UTILISE COMME PDA ET PROCEDE DE COMMUNICATION ASSOCIE

(71) **HUAWEI TECHNOLOGIES CO., LTD.**

[CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Guangdong, Shenzhen 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)(72, 75) **LU, Yifeng** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Guangdong, Shenzhen 518057 (CN).(74) **CHINA SCIENCES PATENT & TRADE-MARK AGENT LIMITED**; 16th Floor, Zhongke Building, No.80 Haidian Road, Haidian District, Beijing 100080 (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 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 PL PT SE TR; OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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

(51)⁷ **H04M 1/02, 1/725**(11) **WO 02/41607** (13) A1

(21) PCT/GB01/05170

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 0028209.5 **18 Nov/nov 2000 GB (18.11.2000)**(30) 0118762.4 **1 Aug/août 2001 GB (01.08.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● AN EXCHANGEABLE COVER FOR A MOBILE TELEPHONE

- COUVERCLE REMPLAÇABLE POUR TELEPHONE MOBILE

(71) **SENDO INTERNATIONAL LIMITED**

[—/CN]; 1601-1603 Kenwick Centre, 32 Hollywood Road, Central, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)(72, 75) **ROPER, Michael, John** [GB/GB]; 6 Illmington Close, Hatton Park, Hatton, Warwickshire CV35 7TL (GB).(74) **HACKETT, Sean, James** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04M 1/05**(11) **WO 02/41608** (13) A1

(21) PCT/DK01/00754

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 09/712,867 **15 Nov/nov 2000 US (15.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● HEADSET

- CASQUE

(71) **GN NETCOM A/S** [DK/DK]; Metalbuen 66, DK-2750 Ballerup (DK).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **BØGESKOV-JENSEN, Tom** [DK/DK]; 22, Birkemosevej, DK-3550 Slangerup (DK). **LARSEN, Jan** [DK/DK]; 35, Hyldekaer, DK-2765 Smørum (DK).(74) **CHAS. HUDE A/S**; 33, H.C. Andersens Boulevard, DK-1780 Copenhagen V (DK).

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

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(51)⁷ **H04M 1/247**(11) **WO 02/41609** (13) A1

(21) PCT/EP01/13185

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) en (26) en

(30) 00/14623 **14 Nov/nov 2000 FR (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● TELEPHONY DEVICE COMPRISING A DISPLAY SCREEN ON WHICH ADJUSTMENT PARAMETERS APPEAR

- DISPOSITIF TELEPHONIQUE COMPRENANT UN ECRAN D'AFFICHAGE SUR LEQUEL DES PARAMETRES DE REGLAGE SONT VISUALISES

(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) **RINGOT, Nicolas** [FR/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) **CHAFFRAIX, Jean**; Internationaal Octrooibureau B.v., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (q1)

(51)⁷ **H04M 1/56, 1/2745, 1/00**(11) **WO 02/41610** (13) A1

(21) PCT/JP01/10066

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) ja (26) ja

(30) 2000-351548 **17 Nov/nov 2000 JP (17.11.2000)**(30) 2000-351549 **17 Nov/nov 2000 JP (17.11.2000)**(30) 2000-351550 **17 Nov/nov 2000 JP (17.11.2000)**(30) 2000-353116 **20 Nov/nov 2000 JP (20.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) ● TELEPHONE DEVICE HAVING OPERATION FUNCTION BY VOICE INPUT

- APPAREIL TELEPHONIQUE A COMMANDE VOCALE

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **TOTTORI SANYO ELECTRIC CO.,LTD** [JP/JP]; 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **OTAGAKI, Hiroyuki** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP).**OZAKI, Hirotomo** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP).**MATSUBARA, Shigetoshi** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP).**HONJO, Kazushi** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP).**KISHIDA, Tatsuji** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP).**TAKATA, Koichi** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP).**KAKIMOTO, Atsumi** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata

- 3-chome, Tottori-shi, Tottori 680-0061 (JP). **ARIMOTO, Hideyuki** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP). **MORIYAMA, Satoru** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD, 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-0061 (JP).
- (74) **TORII, Hiroshi**; 20-10, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) CA CN ID IN JP KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04M 1/663, 1/02, 1/06, 11/00**
- (11) **WO 02/41611** (13) A1
- (21) PCT/JP01/10076
- (22) **19 Nov/nov 2001 (19.11.2001)**
- (25) ja (26) ja
- (30) 2000-353643 **20 Nov/nov 2000** JP
(**20.11.2000**)
- (30) 2001-285980 **19 Sep/sep 2001** JP
(**19.09.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • COMMUNICATION TERMINAL APPARATUS, AUTOMATIC LINE CONNECTION METHOD, INFORMATION STORING MEDIUM AND PROGRAM
- TERMINAL DE TRANSMISSION, PROCÉDE DE RACCORDEMENT AUTOMATIQUE DE LIGNE, SUPPORT DE STOCKAGE D'INFORMATIONS ET PROGRAMME ASSOCIÉ
- (71) **HELIOS CO., LTD.** [JP/JP]; 12-23-205, Sakaemachi 1-chome, Takatsuki-city, Osaka 569-0825 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAKO, Yoshie** [JP/JP]; 12, Gofukumachi, Kameoka-city, Kyoto 621-0819 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 1/725**
- (11) **WO 02/41612** (13) A2
- (21) PCT/US01/46220
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 60/248,433 **15 Nov/nov 2000** US
(**15.11.2000**)
- (30) Not furnished / 9 Nov/nov 2001 US
non communiqué (**09.11.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS AND APPARATUS FOR COMMUNICATING INFORMATION
- FROM A REMOTE WIRELESS DEVICE TO A CORDLESS TELEPHONE SYSTEM
- PROCEDES ET DISPOSITIF POUR TRANSMETTRE DES INFORMATIONS D'UN DISPOSITIF SANS FIL ELOIGNE A UN SYSTEME TELEPHONIQUE SANS CORDON
- (71) **ATLINKS USA, INC.** [US/US]; 10330 N. Meridian Street, INH-340, Indianapolis, IN 46290-1024 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MILLS, Kenneth, Russell** [US/US]; 8422 Ardenes Drive, Fishers, IN 46038 (US). **CLIFFORD, Thomas, Charles** [US/US]; 9836 Woodbriar Lane, Indianapolis, IN 46280 (US). **RIEDL, Wilhelm, Ernst** [US/US]; 8742 Garonne Terrace #2D, Indianapolis, IN 46250 (US).
- (74) **TRIPOLI, Joseph, S. et al.** / etc.; Thomson multimedia licencing Inc., P.O. Box 5312, Princeton, NJ 08540 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 3/428, 7/00**
- (11) **WO 02/41613** (13) A1
- (21) PCT/IT00/00467
- (22) **16 Nov/nov 2000 (16.11.2000)**
- (25) it (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DEVICE FOR TELEPHONE LINE DISENGAGEMENT FOLLOWING THE RECEPTION OF A CALL WAITING
- DISPOSITIF DE LIBERATION D'UNE LIGNE TELEPHONIQUE SUITE A LA RECEPTION D'UN APPEL EN ATTENTE
- (71, 72) **FALACE, Lucio** [IT/IT]; Via Posilipo, 308, I-80123 Napoli (IT). **TORTORA, Giuseppe** [IT/IT]; Via Santa Lucia, 2, I-80062 Meta (IT). **TORTORA, Rosario** [IT/IT]; Via del Lauro, 25, I-80062 Meta (IT).
- (74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, IT-20123 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 3/51, 3/493, G10L 15/22**
- (11) **WO 02/41615** (13) A1
- (21) PCT/FR01/03653
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) fr (26) fr
- (30) 00/14994 **20 Nov/nov 2000** FR
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR OPTIMISING ONLINE ERGONOMICS OF A VOICE RECOGNITION PROCEDURE IN A TELEPHONE CALL CENTRE
- PROCÉDE ET SYSTEME POUR OPTIMISER L'ERGONOMIE EN LIGNE D'UN PROCESSUS DE RECONNAISSANCE VOCALE DANS UN CENTRE D'APPEL TELEPHONIQUE
- (71) **CHRONOPOST** [FR/FR]; 14, boulevard des Frères Voisin, F-92795 ISSY-LES-MOULINEAUX (FR).
- (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **H04M 3/493**
- (11) **WO 02/41614** (13) A1
- (21) PCT/FR01/03554
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) fr (26) fr
- (30) 00/14757 **14 Nov/nov 2000** FR
(**14.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR ASSOCIATING WRITTEN MESSAGES WITH VOICE MESSAGES OVER A PUBLIC SWITCHED TELEPHONE NETWORK
- PROCÉDE POUR ASSOCIER DES MESSAGES ECRITS A DES MESSAGES VOCAUX A TRAVERS LE RESEAU TELEPHONIQUE PUBLIC COMMUTE
- (71) **FRANCE TELECOM SA** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOTTIN, Philippe** [FR/FR]; 10, rue de kérariou, F-22560 Trebeurden (FR). **HUIBAN, Jean-Yves** [FR/FR]; 7, route de Quinquis, F-22300 Ploulech (FR). **DAOUBEN, Jean** [FR/FR]; 1, rue Ernest Renan, F-22560 Trebeurden (FR). **PERRET, Pascal** [FR/FR]; 130, impasse Jacques Brel, F-38920 Crolles (FR). **PETIT, Jean-Claude** [FR/FR]; 21, rue Park Bras, F-22700 Perros Guirec (FR).
- (74) **MAILLET, Alain**; Cabinet Le Guen & Maillet, 5, place Newquay, F-35802 Dinard (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 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 3/51, 3/493, G10L 15/22**
- (11) **WO 02/41615** (13) A1
- (21) PCT/FR01/03653
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) fr (26) fr
- (30) 00/14994 **20 Nov/nov 2000** FR
(**20.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR OPTIMISING ONLINE ERGONOMICS OF A VOICE RECOGNITION PROCEDURE IN A TELEPHONE CALL CENTRE
- PROCÉDE ET SYSTEME POUR OPTIMISER L'ERGONOMIE EN LIGNE D'UN PROCESSUS DE RECONNAISSANCE VOCALE DANS UN CENTRE D'APPEL TELEPHONIQUE
- (71) **CHRONOPOST** [FR/FR]; 14, boulevard des Frères Voisin, F-92795 ISSY-LES-MOULINEAUX (FR).

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

(72, 75) **PETRIGNY, Christian** [FR/FR]; 90 rue Charles Godin, F-91640 Briis-sous-Forge (FR).

(74) **VIDON, Patrice**; Le Nobel (Bât. A), 2, allée Antoine Becquerel, BP 90333, F-35703 RENNES Cedex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04M 11/00, 1/26, 1/00, H04Q 7/38**

(11) **WO 02/41616** (13) A1

(21) PCT/JP01/09640

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) ja (26) ja

(30) 2000-346053 **14 Nov/nov 2000 JP (14.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMMUNICATION TERMINAL, COMMUNICATION METHOD, AND RECORD MEDIUM

• TERMINAL DE COMMUNICATION, PROCEDE DE COMMUNICATION ET SUPPORT D'ENREGISTREMENT

(71) **KABUSHIKI KAISHA KENWOOD** [JP/JP]; 14-6, Dougenzaka 1-chome, Shibuya-ku, Tokyo 150-8501 (JP).

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

(72, 75) **ISHIKAWA, Josuke** [JP/JP]; Room 203, 5-6-3, Haramachida, Machida-shi, Tokyo 194-0013 (JP).

(74) **OKABE, Masao** et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04M 11/06, 1/725**

(11) **WO 02/41617** (13) A2

(21) PCT/US01/45498

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/248,940 **16 Nov/nov 2000 US (16.11.2000)**

(30) 09/955,882 **19 Sep/sep 2001 US (19.09.2001)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHODS AND APPARATUS FOR SIMULTANEOUSLY COMMUNICATING VOICE AND DATA IN AN ANALOG CORDLESS TELEPHONE SYSTEM

• PROCEDES ET DISPOSITIF DE TRANSMISSION SIMULTANEE VOIX ET DONNEES DANS UN SYSTEME TELEPHONIQUE ANALOGIQUE SANS CORDON

(71) **ATLINKS USA, INC.** [US/US]; 10330 N. Meridian Street, INH-340, Indianapolis, IN 46290-1024 (US).

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

(72, 75) **RIEDL, Wilhelm, Ernst** [US/US]; 8742 Garonne Terrace #2D, Indianapolis, IN 46250 (US). **LAI, Hung, Chi** [US/US]; 8949 Autumn Wood #1C, Indianapolis, IN 46250 (US). **MILLS, Kenneth, Russell** [US/US]; 8422 Ardennes Drive, Fishers, IN 46038 (US). **CLIFFORD, Thomas, Charles** [US/US]; 9836 Woodbriar Lane, Indianapolis, IN 46280 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Incorporated, P.O. Box 5312, Princeton, NJ 08540 (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 SI 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04M 15/00**

(11) **WO 02/41618** (13) A2

(21) PCT/US01/44672

(22) **19 Nov/nov 2001 (19.11.2001)**

(25) en (26) en

(30) 09/716,042 **17 Nov/nov 2000 US (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • APPARATUS, METHOD, AND ARTICLE OF MANUFACTURE USED TO INVOICE FOR SERVICES CONSUMED IN A COMMUNICATIONS NETWORK

• APPAREIL, PROCEDE ET ARTICLE DE FABRICATION SERVANT A FACILITER LES SERVICES CONSOMMES DANS UN RESEAU DE TELECOMMUNICATION

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **BRIGGS, Robert, D.**; 7903 Corte Penca, Carlsbad, CA 92009 (US). **KENAGY, Jason**; 3360 Dale Street, San Diego, CA 92104 (US). **LOMBARDI, Gina**; 4445 Ocean Valley Lane, San Diego, CA 92130 (US). **SPRIGG, Stephen, A.**; 12124 Travertine Court, Poway, CA 92064 (US). **BAKER, Kent, D.**; 4021 North Hempstead Circle, San Diego, CA 92116 (US). **PHILLIPS, Marc, S.**; 4008 Gros Ventre Avenue, San Diego, CA 92117 (US).

(74) **MINHAS, Sandip, S.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41619** (13) A1

(21) PCT/NL00/00842

(22) **17 Nov/nov 2000 (17.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND SYSTEM FOR REVALUING PREPAID TELEPHONE ACCOUNTS

• PROCEDE ET SYSTEME DE RECHARGEMENT DE COMPTES TELEPHONIQUE PREPAYES

(71) **MAIKONA CORPORATION N.V.** [NL/NL]; John B. Gorsiraweg 14, Curaçao (AN).

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

(72, 75) **BLEEKER, Edwin** [NL/NL]; Reine Claudestraat 4, NL-1326 JE Almere (NL).

(74) **JORRITSMA, Ruurd** et al. / etc.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04M 17/00**

(11) **WO 02/41620** (13) A2

(21) PCT/NL01/00797

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) en (26) en

(30) PCT/NL00/00842 **17 Nov/nov 2000 NL (17.11.2000)**

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND SYSTEM FOR RE-VALUING PREPAID TELEPHONE ACCOUNTS

• PROCEDE ET SYSTEME DE RECHARGE DE COMPTES TELEPHONE PRE-PAYES

- (71) **MAIKONA CORPORATION N.V.** [NL/NL]; John. B. Gorisaweg 14, Curaçao (AN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLEEKER, Edwin** [NL/NL]; Reine Claudestraat 4, NL-1326 JE Almere (NL).
- (74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
- (11) **WO 02/41621** (13) A2
- (21) PCT/FR01/03606
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) fr (26) fr
- (30) 00/14886 **17 Nov/nov 2000 FR (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PHOTOSENSITIVE DEVICE AND METHOD FOR CONTROLLING SAME
• DISPOSITIF PHOTOSENSIBLE ET PROCEDE DE COMMANDE DU DISPOSITIF PHOTOSENSIBLE
- (71) **TRIXELL S.A.S.** [FR/FR]; Z.I. Centr'Alp, F-38430 Moirans (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DU COURANT, Thierry** [FR/FR]; Thales Intellectual Property, 13, av. du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR). **BOSSET, Bruno** [FR/FR]; Thales Intellectual Property, 13, av. du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR). **VAN OOST, Aysegul** [FR/FR]; Thales Intellectual Property, 13, av. du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **BEYLOT, Jacques** et al. / etc.; Thales Intellectual Property, 13, av. du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).
- (81) CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(t) for the following designations / pour les désignations suivantes : CA JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
-
- (51)⁷ **H04N**
- (11) **WO 02/41622** (13) A2
- (21) PCT/IL01/01055
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (35) 139695 **15 Nov/nov 2000 IL (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND APPARATUS FOR MICRO-MACHINED SENSORS USING ENHANCED MODULATED INTEGRATIVE DIFFERENTIAL OPTICAL SENSING
• PROCEDE ET APPAREIL POUR DETECTEURS MICRO-USINES FAISANT APPEL A UNE DETECTION OPTIQUE DIFFERENTIELLE A INTEGRATION MODULEE AMELIOREE
- (71) **TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD.** [IL/IL]; Technion City, 32000 Haifa (IL). **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) **NEMIROVSKY, Yael** [IL/IL]; Rehov Golda Meir 7, 34982 Haifa (IL). **DEGANI, Ofir** [IL/IL]; Rehov Eli Cohen 37/16, 78306 Ashkelon (IL). **SETER, Dan** [IL/IL]; Rehov Tchernichovsky 51/4, 35704 Haifa (IL). **SOCHER, Eran** [IL/IL]; Rehov Burla 42, 69364 Tel-Aviv (IL).
- (74) **LANGER, Edward**; POB 410, 43103 Ra'anana (IL).
- (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**
- (11) **WO 02/41623** (13) A2
- (21) PCT/US01/43883
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,915 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR UTILIZING AN INTERNET ENABLED TELEPHONE TO CONDUCT BUSINESS
• SYSTEME ET PROCEDE D'UTILISATION D'UN TELEPHONE RELIE A INTERNET POUR DIRIGER DES AFFAIRES
- (71, 72) **DALE, Shaun** [JP/US]; Hardy L. Thomas Law Offices, 1801 Century Park East #2500, Los Angeles, CA 90067-2326 (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 PH PL PT RO RU
- SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **H04N**
- (11) **WO 02/41624** (13) A2
- (21) PCT/US01/48689
- (22) **5 Nov/nov 2001 (05.11.2001)**
- (25) en (26) en
- (30) 60/246,040 **6 Nov/nov 2000 US (06.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ELECTRONIC MARKETS BUSINESS INTERCHANGE SYSTEM AND METHEO
• PROCEDE ET SYSTEME D'ECHANGE COMMERCIAUX PAR LE BIAIS DE MARCHES ELECTRONIQUES
- (71, 72) **YOUNG, Terry, Bernard** [US/US]; 3 Alpaugh Drive, Asbury, New Jersey 08802 (US).
- (72) **YODER, Richard, Allen**; 21 Allerton Road, Lebanon, NJ 08833 (US).
- (74) **LETCHFORD, John, F.**; Klehr, Harrison, Harvey, Branzburg & Ellers LLP, 260 South Broad Street, Philadelphia, PA 19102 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 5/00**
- (11) **WO 02/41625** (13) A1
- (21) PCT/EP00/11487
- (22) **17 Nov/nov 2000 (17.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • DIGITAL TELEVISION CONDITIONAL ACCESS METHODS AND APPARATUS FOR SIMULTANEOUSLY HANDLING MULTIPLE TELEVISION PROGRAMS
• PROCEDES D'ACCES CONDITIONNEL TELEVISUEL NUMERIQUE ET APPAREIL DESTINE A LA GESTION SIMULTANEE DE PROGRAMMES TELEVISUELS MULTIPLES
- (71) **SCM MICROSYSTEMS GMBH** [DE/DE]; Sperl-Ring 4 Hettenshausen, 85276 Pfaffenhofen (DE).
- (72) **VANTALON, Luc**; 1396 Cordilleras Avenue, Sunnyvale, CA 94087 (US). **BOURSIER, Arnaud**; 5bis, Allée Lumière F-13600 La Ciotat (FR). **GAUTIER, Gilles**; Rue de la République, F-13810 Eygalières (FR).
- (74) **DEGWERT, Hartmut**; Prinz & Partner, Manzingerweg 7, 81241 München (DE).

(81) JP SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04N 5/46**(11) **WO 02/41626** (13) A2

(21) PCT/US01/47189

(22) **6 Nov/nov 2001 (06.11.2001)**

(25) en (26) en

(30) 09/713,171 **15 Nov/nov 2000** US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● AUTODETERMINATION OF APPROPRIATE TELEVISION SIGNAL STANDARD IN A TELEVISION SIGNAL RECEIVER

● AUTODETERMINATION D'UN STANDARD DE SIGNAUX DE TELEVISION APPROPRIE DANS UN RECEPTEUR DE SIGNAUX DE TELEVISION

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai A. le Gallo, F-92648 Boulogne Cedex (FR).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **NORTRUP, Kevin, Eugene** [US/US]; 7477 N. London Road, Fairland, IN 46126 (US).(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04N 5/74**(11) **WO 02/41627** (13) A2

(21) PCT/EP01/13158

(22) **12 Nov/nov 2001 (12.11.2001)**

(25) en (26) en

(30) 09/713,854 **16 Nov/nov 2000** US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SYSTEM AND METHOD FOR CONTRAST ENHANCEMENT IN PROJECTION IMAGING SYSTEM

● SYSTEME ET PROCEDE PERMETTANT D'AMELIORER LE CONTRASTE DANS UN SYSTEME D'IMAGERIE PAR PROJECTION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).(72) **SHIMIZU, Jeffrey, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) **RAAP, Adriaan, Y.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN 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 5/74, G09F 19/18, 27/00**(11) **WO 02/41628** (13) A1

(21) PCT/IT01/00569

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) it (26) en

(30) RM2000A000595 **15 Nov/nov 2000** IT
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● SYSTEM FOR DISPLAYING INFORMATION AND IMAGES, APPLICABLE TO ARCHITECTURAL STRUCTURES

● SYSTEME D'AFFICHAGE D'INFORMATIONS ET D'IMAGES POUVANT ETRE APPLIQUE A DES STRUCTURES ARCHITECTURALES

(71) **LIGHT ARCHITECTURE LTD.** [GB/GB]; 36 Berkeley Square, London W1J 5AE (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **RANAULO, Giovanni** [IT/IT]; Supermed S.r.l., Via Flaminia km 18,570, I-00188 Pietra Pertusa (IT).(74) **IANNONE, Carlo, Luigi** et al. / etc.; Ing. Barzanò & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 5/91**(11) **WO 02/41629** (13) A1

(21) PCT/JP01/10009

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) ja (26) ja

(30) 2000-349453 **16 Nov/nov 2000** JP
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● IMAGE FILE GENERATING DEVICE AND DIGITAL STILL CAMERA

● DISPOSITIF DE GENERATION DE FICHIERS IMAGES ET APPAREIL-PHOTO NUMERIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **SHIOHARA, Ryuichi** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **NAKAJIMA, Yasumasa** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **SUENAGA, Kazunori** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).(74) **HATTORI, Masaki**; HATTORI & ASSOCIATES, Eighth Floor, Arex BLDG, 4-12, Marunouchi 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).

(81) JP US.

(51)⁷ **H04N 7/01**(11) **WO 02/41630** (13) A1

(21) PCT/JP01/09942

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) ja (26) ja

(30) 2000-348730 **15 Nov/nov 2000** JP
(15.11.2000)(30) 2001-110696 **9 Apr/avr 2001** JP
(09.04.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● INFORMATION SIGNAL PROCESSING DEVICE, INFORMATION SIGNAL PROCESSING METHOD, IMAGE SIGNAL PROCESSING DEVICE AND IMAGE DISPLAY DEVICE USING IT, COEFFICIENT TYPE DATA CREATING DEVICE USED THEREIN AND CREATING METHOD, AND INFORMATION PROVIDING MEDIUM

● PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAUX D'INFORMATIONS, DISPOSITIF DE TRAITEMENT DE SIGNAUX D'IMAGE ET DISPOSITIF D'AFFICHAGE D'AFFICHAGE L'UTILISANT, PROCEDE ET DISPOSITIF DE CREATION DE DONNEES TYPE COEFFICIENTS ET SUPPORT DE GENERATION D'INFORMATION

(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) **KONDO, Tetsujiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **TATEHIRA, Yasushi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HIRAIZUMI, Kei** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **ASAKURA, Nobuyuki** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **MORIMURA, Takuo** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **NIITSUMA, Wataru** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **AYATA, Takahide** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).(74) **YAMAGUCHI, Kunio** et al. / etc.; Hi-rayama Bldg. 5F., 15-2, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

- (81) CN KR US.
(84) EP (DE FR GB).
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- (51)⁷ **H04N 7/01**
(11) **WO 02/41631** (13) A1
(21) PCT/JP01/09943
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) ja (26) ja
(30) 2000-348731 **15 Nov/nov 2000** JP
(15.11.2000)
(30) 2001-110695 **9 Apr/avr 2001** JP
(09.04.2001)
(43) 23 May/mai 2002 (23.05.2002)
(54) • INFORMATION SIGNAL PROCESSING DEVICE, INFORMATION SIGNAL PROCESSING METHOD, IMAGE SIGNAL PROCESSING DEVICE AND IMAGE DISPLAY DEVICE USING IT, COEFFICIENT TYPE DATA CREATING DEVICE USED THEREIN AND CREATING METHOD, COEFFICIENT DATA CREATING DEVICE AND CREATING METHOD, AND INFORMATION PROVIDING MEDIUM
• DISPOSITIF DE TRAITEMENT DE SIGNAL D'INFORMATION, PROCEDE DE TRAITEMENT DE SIGNAL D'INFORMATION, DISPOSITIF DE TRAITEMENT DE SIGNAL D'IMAGE ET DISPOSITIF D'AFFICHAGE D'IMAGE FAISANT APPEL A CE DISPOSITIF, DISPOSITIF DE CREATION DE DONNEES DE TYPE COEFFICIENT UTILISE DANS CELUI-CI ET PROCEDE DE CREATION, DISPOSITIF DE CREATI
(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) **KONDO, Tetsujiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **TATEHIRA, Yasushi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HIRAZUMI, Kei** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **MORIMURA, Takuo** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **NIITSUMA, Wataru** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **AYATA, Takahide** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(74) **YAMAGUCHI, Kunio** et al. / etc.; Hirayama Bldg. 5F., 15-2, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).
(81) CN KR US.
(84) EP (DE FR GB).
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- (51)⁷ **H04N 7/14**
(11) **WO 02/41632** (13) A1
(21) PCT/SE01/02215

- (22) **11 Oct/oct 2001 (11.10.2001)**
(25) en (26) en
(30) 0004220-0 **16 Nov/nov 2000** SE
(16.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • RECORDING OF MOVING IMAGES
• ENREGISTREMENT D'IMAGES EN MOUVEMENT
(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NISTÉR, David** [SE/US]; 1604 Deer Creek Drive, Plainsboro, NJ 08536 (US).
(74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/24**
(11) **WO 02/41633** (13) A2
(21) PCT/EP01/13054
(22) **7 Nov/nov 2001 (07.11.2001)**
(25) en (26) en
(30) 00203993.1 **14 Nov/nov 2000** EP
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • RECEIVING CODED INFORMATION
• RÉCEPTION D'INFORMATIONS CODÉES
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) **AARTS, Ronaldus, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **SCHOENMAKER, Maarten**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) CN JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
Published / Publiée : (q1)
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- (51)⁷ **H04N 7/24**
(11) **WO 02/41634** (13) A2
(21) PCT/EP01/13156
(22) **12 Nov/nov 2001 (12.11.2001)**

- (25) en (26) en
(30) 09/712,681 **14 Nov/nov 2000** US
(14.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • SUMMARIZATION AND/OR INDEXING OF PROGRAMS
• METHODE DE SYNTHÈSE ET/OU D'INDEXATION DE PROGRAMMES
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) **AGNIHOTRI, Lalitha**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DEVARA, Kavitha, V.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DIMITROVA, Nevenka**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **STEENBEEK, Leonardus, J.**; INTERNATIONAAL OCTROOIBUREAU B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) CN JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04N 7/24**
(11) **WO 02/41635** (13) A1
(21) PCT/US01/42904
(22) **5 Nov/nov 2001 (05.11.2001)**
(25) en (26) en
(30) 60/249,270 **17 Nov/nov 2000** US
(17.11.2000)
(43) 23 May/mai 2002 (23.05.2002)
(54) • SYSTEM AND METHOD FOR INTEGRATING VOICE, VIDEO, AND DATA
• SYSTEME ET PROCEDE D'INTEGRATION DE VOIX, VIDEO ET DONNEES
(71) **DVTEL COMMUNICATIONS** [US/US]; 100 Bomont Place, Totowa, NJ 07512 (US).
(72) **MANOR, Yehuda**; 4 Hamelacha St., 71520 Lod (IL).
(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farrah, 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 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 OJ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **H04N 7/26, 7/36**
(11) **WO 02/41636** (13) A1
(21) PCT/EP01/13160
(22) **12 Nov/nov 2001 (12.11.2001)**
(25) en (26) en
(30) 00403220.7 **17 Nov/nov 2000** EP
(17.11.2000)

- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● VIDEO CODING METHOD USING A BLOCK MATCHING PROCESS
- PROCEDE DE CODAGE VIDEO UTILISANT UN PROCEDE DE MISE EN CORRESPONDANCE DE BLOCS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **BOTTREAU, Vincent**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **LANDOUSY, Christian**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c), (q1)
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- (51)⁷ **H04N 7/50**
- (11) **WO 02/41637** (13) A2
- (21) PCT/EP01/13101
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 09/712,678 **14 Nov/nov 2000 US (14.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● DYNAMIC ADAPTATION OF COMPLEXITY IN AN MPEG-2 SCALABLE DECODER
- ADAPTATION DYNAMIQUE DE LA COMPLEXITE DANS UN DECODEUR MPEG-2 EVOLUTIF
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **PENG, Sharon**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **LANDOUSY, Christian**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04N 7/50**
- (11) **WO 02/41638** (13) A2
- (21) PCT/EP01/13107
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 09/713,866 **16 Nov/nov 2000 US (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● SCALABLE MPEG-2 VIDEO SYSTEM
- SYSTEME VIDEO MPEG2 EVOLUTIF
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **PENG, Sharon**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **LANDOUSY, Christian**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04N 9/11**
- (11) **WO 02/41639** (13) A1
- (21) PCT/EP01/13028
- (22) **10 Nov/nov 2001 (10.11.2001)**
- (25) de (26) de
- (30) 100 57 273.1 **18 Nov/nov 2000 DE (18.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● DEVICE FOR CORRECTING COLOR DISTORTIONS
- DISPOSITIF DE CORRECTION DE LA DENATURATION DES COULEURS
- (71) **BTS HOLDING INTERNATIONAL BV** [NL/NL]; Kapittelweg 10, NL-4827 HG Breda (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRÖSAMLE, Michael** [DE/DE]; Mainzer Str. 20, 64331 Weiterstadt (DE).
- (74) **ROSSMANITH, Manfred**; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).
- (81) DE GB JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H04N 9/64**
- (11) **WO 02/41640** (13) A2
- (21) PCT/EP01/13181
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/713,412 **15 Nov/nov 2000 US (15.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ON THE FLY DATA TRANSFER BETWEEN RGB AND YCRCB COLOR SPACES FOR DCT INTERFACE
- TRANSFERT A LA VOLEE ENTRE DES ESPACES COULEURS RVB ET YCRCB POUR INTERFACE DCT
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **EVOY, David, R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **VON LAUE, Hanns-Ulrich**; 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).
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- (51)⁷ **H04Q**
- (11) **WO 02/41641** (13) A2
- (21) PCT/KR01/00607
- (22) **11 Apr/avr 2001 (11.04.2001)**
- (25) en (26) en
- (30) 2000/67944 **16 Nov/nov 2000 KR (16.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● ROAMING SERVICE SYSTEM FOR GSM SERVICE SUBSCRIBER IN CDMA SERVICE AREA, AND METHOD FOR REGISTERING LOCATIONS AND TRANSMITTING AND RECEIVING SIGNALS AND SHORT MESSAGES USING THE SYSTEM
- SYSTEME DE SERVICE ITINERANT POUR ABONNE A DES SERVICES GSM DANS UNE ZONE DE SERVICES AMCR, ET PROCEDE SERVANT A REPERTORIER DES EMPLACEMENTS ET A EMETTRE ET A RECEVOIR DES SIGNAUX ET MESSAGES COURTS AU MOYEN DUDIT SYSTEME
- (71) **KOREA TELECOM FREETEL CO., LTD.** [KR/KR]; 890-20, Daechi-dong, Kangnam-ku, Seoul 135-280 (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AHN, Byung-Ik** [KR/KR]; Jayang 2-cha Hyundai Apartment 1102, Jayang 3-dong 761, Kwangjin-ku, Seoul 143-878 (KR).
- YUN, Chan-Ho** [KR/KR]; Mooncheonlight 202-108, Juyeop 2-dong, Ilsan-ku, Koyang-city, Kyungki-do 411-372 (KR).
- JEUNG, Yuon-Pil** [KR/KR]; Daemong Juttaek Na-dong 301, Shinwol 7-dong, 954-16, Yangcheon-ku, Seoul 158-845 (KR).
- LEE, Kwang-Wuk** [KR/KR]; Hyundai Apartment 305-1203, Janghang 2-dong 881, Ilsan-ku, Koyang-city, Kyungki-do 411-837 (KR).
- KANG, Cheol-Hyun** [KR/KR]; Kyungun Villa A-dong 203, Sadang 1-dong 1038-37, Dongjak-ku, Seoul 156-826 (KR).
- CHOI, Seong-Jin** [KR/KR]; Hansin 2-cha Apartment 104-1103, Jamwon-dong, Seocho-ku, Seoul 137-030 (KR).
- (74) **KIM, Won-Ho**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q**
- (11) **WO 02/41642** (13) A2
- (21) PCT/US01/47186
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) en (26) en
- (30) 09/715,434 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● MULTIPLE SERVICE SUBFLOWS WITHIN A CABLE MODEM SERVICE FLOW
- FLUX SECONDAIRES A SERVICE MULTIPLE DANS UN FLUX DE SERVICE DE MODEM CABLE
- (71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE**

- [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **FOLEY, Stephen**, P.O. Box 3229, South Attleboro, MA 02703 (US). **SCULLY, Brian J.**, 435 Lincoln Street, Abington, MA 02351 (US). **FERREIRA, Thomas M.**, 17 Peregrine Circle, Attleboro, MA 02703 (US). **DINATALE, John**, 211 Washington Street, Pembroke, MA 02359 (US).
- (74) **WOOD, J. Ray**, et al. / etc.; MOTOROLA, INC., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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) **WO 02/41643** (13) A2
- (21) PCT/US01/50091
- (22) **25 Oct/oct 2001 (25.10.2001)**
- (25) en (26) en
- (30) 60/243,808 **27 Oct/oct 2000** US
(**27.10.2000**)
- (30) 09/833,720 **12 Apr/avr 2001** US
(**12.04.2001**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • HYBRID SYNCHRONOUS SPACE/CODE MULTIPLE ACCESS SYSTEM USING AN ADAPTIVE ANTENNA SYSTEM
- SYSTEME SYNCHRONE HYBRIDE A ACCES MULTIPLE ESPACE/CODE UTILISANT UN SYSTEME D'ANTENNE ADAPTATIF
- (71) **L-3 COMMUNICATIONS CORPORATION** [US/US]; 600 3rd Avenue, New York, NY 10016 (US).
- (72) **HALL, Eric, K.**; 4108 South 900 East, Holliday, UT 84124 (US). **GIALLORENZI, Thomas, R.**; 7794 West Mountain Top Road, Riverton, UT 84065 (US). **ERTEL, Richard, B.**; 6961 Wellwood Road, Midvale, UT 84047 (US). **SCHLEGEL, Christian**; 4 Payday Drive, Park City, UT 84060 (US). **BAGLEY, Zachary**; 723 4th Avenue, Salt Lake City, UT 84103 (US).
- (74) **SMITH, Harry, F.**; Harrington & Smith, LLP, 1809 Black Rock Turnpike, Fairfield, CT 06432 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 1/14, 1/06**
- (11) **WO 02/41644** (13) A2
- (21) PCT/US01/47102
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 09/712,803 **14 Nov/nov 2000** US
(**14.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • CABLE MANAGEMENT RACK FOR TELECOMMUNICATIONS EQUIPMENT
- RATELIER DE GESTION DE CABLES POUR EQUIPEMENTS DE TELECOMMUNICATION
- (71) **ADC TELECOMMUNICATIONS, INC.** [US/US]; 13625 Technology Drive, Eden Prairie, MN 55344-2252 (US).
- (72) **MENDOZA, Jose-Filonel, Tawag**; 6148 Noble Avenue North, Brooklyn Center, MN 55429 (US).
- (74) **BRUESS, Steven, C.**; 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 SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/00, H04L 12/66**
- (11) **WO 02/41645** (13) A1
- (21) PCT/EP01/12363
- (22) **25 Oct/oct 2001 (25.10.2001)**
- (25) de (26) de
- (30) 00124931.7 **15 Nov/nov 2000** EP
(**15.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR SWITCHING ON A SUBSCRIBER SIGNAL, CORRESPONDING SWITCHING CENTRE AND CORRESPONDING PROGRAMME
- PROCEDE DE CONNEXION D'UN SIGNAL D'ABONNE, CENTRAL TELEPHONIQUE ASSOCIE ET PROGRAMME ASSOCIE
- (71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (72) **GAISER, Franz**; Furkhofstr. 6, 81927 München (DE). **HOFFMANN, Klaus**; Peschelanger 8, 81735 München (DE).
- (81) BR CN.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : BR CN EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
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- (51)⁷ **H04Q 7/00**
- (11) **WO 02/41646** (13) A2
- (21) PCT/IB01/01779
- (22) **27 Sep/sep 2001 (27.09.2001)**
- (25) en (26) en
- (30) 09/714,840 **16 Nov/nov 2000** US
(**16.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD AND SYSTEM FOR CAPACITY REPORTING IN A MOBILE TELECOMMUNICATIONS NETWORK
- PROCEDE ET SYSTEME DE SIGNALLEMENT DE LA CAPACITE DE TRAITEMENT DANS UN RESEAU DE TELECOMMUNICATION MOBILE
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)
- (72) **AKSENTIJEVIC, Mirko**; Visamäki 5 E 38, FIN-02130 Espoo (FI). **HWANG, Woon-hee**; Tallbergin Puistotie 1 C 25, FIN-00200 Helsinki (FI). **TOSKALA, Antti**; Kataharjuntie 4 C 48, FIN-00200 Helsinki (FI).
- (74) **MAGUIRE, Francis, J.**; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, PO Box 224, Monroe, CT 06468 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00**
- (11) **WO 02/41647** (13) A2
- (21) PCT/IB01/02125
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) en (26) en
- (30) 09/715,435 **17 Nov/nov 2000** US
(**17.11.2000**)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • APPARATUS, AND ASSOCIATED METHOD, FOR COMMUNICATING PACKET DATA IN A SDMA (SPACE-DIVISION, MULTIPLE-ACCESS) COMMUNICATION SCHEME
- APPAREIL ET PROCEDE ASSOCIE DE COMMUNICATION DE DONNEES

- PAR PAQUETS DANS UN SCHEMA DE COMMUNICATION SDMA (ACCES MULTIPLE PAR REPARTITION DANS L'ESPACE)
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)
- (72) **ALASTALO, Ari**; Tuohipolku 8 B 12, FIN-00410 Helsinki (FI).
- (74) **KELLY, Robert, H.** et al. / etc.; Novakov Davis & Munck, P.C., 900 Three Galleria Tower, 13155 Noel Road, Dallas, TX 75240 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (q1)
-
- (51)⁷ **H04Q 7/00**
- (11) **WO 02/41648** (13) A2
- (21) PCT/IB01/02155
- (22) **15 Nov/nov 2001 (15.11.2001)**
- (25) en (26) en
- (30) 09/713,684 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SUBSCRIBER INTEGRATED ACCESS DEVICE FOR USE IN WIRELESS AND WIRELINE ACCESS SYSTEMS
- DISPOSITIF D'ACCES INTEGRE D'ABONNE S'UTILISANT DANS DES SYSTEMES D'ACCES PAR FIL ET SANS FIL
- (71) **RAZE TECHNOLOGIES, INC.** [US/US]; 2540 East Plano Parkway, Suite 188, Plano, TX 75074 (US).
- (72) **STRUHSAKER, Paul, F.**; 5304 Brouette Cout, Plano, TX 75023 (US). **GRIFFIN, Kirk, J.**; 4560 Jenkins Drive, Plano, TX 75024 (US). **FRODGE, Rex, N.**; 3408 Aura Court, McKinney, TX 75070 (US). **BARGE, Barry, W.**; 831 Chadwick Place, Richardson, TX 75080 (US). **ECKERT, Michael, S.**; 5555 East Mockingbird Lane, #2805, Dallas, TX 75206 (US).
- (74) **MUNCK, William, A.** et al. / etc.; Novakov, Davis & Munck, P.C., 900 Three Galleria Tower, 13155 Noel Road, Dallas, TX 75240 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41651** (13) A2
- (21) PCT/US01/42937
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,357 **14 Nov/nov 2000 (14.11.2000)** US
- (30) 60/270,254 **20 Feb/fév 2001 (20.02.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS AND APPARATUS FOR IDENTIFYING ASSET LOCATION IN COMMUNICATION NETWORKS
- PROCEDE ET APPAREIL D'IDENTIFICATION DE L'EMPLACEMENT DES RESSOURCES DANS DES RESEAUX DE TELECOMMUNICATIONS
- (71) **SYMBOL TECHNOLOGIES, INC.** [US/US]; One Symbol Plaza, Holtsville, NY 11742 (US).
- (72) **GOREN, David**; 54 Steven Place, Smithtown, NY 11787 (US). **KAWAGUCHI, Dean**; 5550 Muir Drive, San Jose, CA 95124 (US). **BRIDGELALL, Raj**; 1 Flora Drive, Mount Sinai, NY 11766 (US). **BEKRITSKY, Benjamin, J.**; 729 West 189th Street, Apt. 2C, New York, NY 10033 (US). **ZEGELIN, Chris**; 15680 Alum Rock Avenue, San Jose, CA 95127 (US).
- (74) **ARONS, Edward, M.**; FISH & NEAVE, 1251 Avenue of the Americas, New York, NY 10020 (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
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41649** (13) A2
- (21) PCT/SE01/02423
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) en (26) en
- (30) 60/249,284 **17 Nov/nov 2000 (17.11.2000)** US
- (30) 09/887,130 **22 Jun/juin 2001 (22.06.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • PAGING CO-ORDINATION IN TELECOMMUNICATION NETWORKS
- COORDINATION DE LA RADIOMES-SAGERIE DANS DES RESEAUX DE TELECOMMUNICATION
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **BLECKERT, Peter, Nils, Olov**; Täljstenvägen 7 A, S-752 40 Uppsala (SE). **BÄCKSTRÖM, Lars, Martin**; Kassmans Väg 6, S-185 38 Danderyd (SE).
- (74) **MAGNUSSON, Monica** et al. / etc.; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41650** (13) A1
- (21) PCT/US00/31497
- (22) **16 Nov/nov 2000 (16.11.2000)**
- (25) en (26) en
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ANTICOLLISION PROTOCOL WITH FAST READ REQUEST AND ADDITIONAL SCHEMES FOR READING MULTIPLE TRANSPONDERS IN AN RFID SYSTEM
- PROTOCOLE ANTICOLLISIONS A DEMANDE A LECTURE RAPIDE ET SCHEMAS ADDITIONNELS DE LECTURE DE TRANSPONDEURS MULTIPLES DANS UN SYSTEME RFID
- (71) **CHECKPOINT SYSTEMS, INC.** [US/US]; 101 Wolf Drive, P.O. Box 188, Thorofare, NJ 08086 (US). **MICROCHIP TECHNOLOGY INCORPORATED**
- [US/US]; 2355 West Chandler Boulevard, Chandler, AZ 85224-6199 (US).
- (72) **GALLAGHER, William, F., III**; 16 South Forge Manor Drive, Phoenixville, PA 19460 (US). **SALESKY, Ronald**; 46 New Road, Tabernacle, NJ 08088 (US). **INUI, Shinichiro**; 44 Treaty Elms Lane, Haddonfield, NJ 08033 (US). **BENEDETTI, Riccardo**; 3312 Avalon Court, Voorhees, NJ 08043-4642 (US). **ALEXANDER, Sam**; 2744 E. Silverwood Drive, Phoenix, AZ 85048 (US). **FUREY, Lee, R.**; 366 E. Briarwood Terrace, Phoenix, AZ 85048 (US). **LEE, Youbok**; 757 West Citrus Way, Chandler, AZ 85248 (US).
- (74) **JABLON, Clark, A.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., Suite 2200, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **H04Q 7/00**
- (11) **WO 02/41651** (13) A2
- (21) PCT/US01/42937
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 60/248,357 **14 Nov/nov 2000 (14.11.2000)** US
- (30) 60/270,254 **20 Feb/fév 2001 (20.02.2001)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHODS AND APPARATUS FOR IDENTIFYING ASSET LOCATION IN COMMUNICATION NETWORKS
- PROCEDE ET APPAREIL D'IDENTIFICATION DE L'EMPLACEMENT DES RESSOURCES DANS DES RESEAUX DE TELECOMMUNICATIONS
- (71) **SYMBOL TECHNOLOGIES, INC.** [US/US]; One Symbol Plaza, Holtsville, NY 11742 (US).
- (72) **GOREN, David**; 54 Steven Place, Smithtown, NY 11787 (US). **KAWAGUCHI, Dean**; 5550 Muir Drive, San Jose, CA 95124 (US). **BRIDGELALL, Raj**; 1 Flora Drive, Mount Sinai, NY 11766 (US). **BEKRITSKY, Benjamin, J.**; 729 West 189th Street, Apt. 2C, New York, NY 10033 (US). **ZEGELIN, Chris**; 15680 Alum Rock Avenue, San Jose, CA 95127 (US).
- (74) **ARONS, Edward, M.**; FISH & NEAVE, 1251 Avenue of the Americas, New York, NY 10020 (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 SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 02/41652 (13) A2

(21) PCT/US01/43577

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,870 16 Nov/nov 2000 US
(16.11.2000)

(30) 09/998,860 15 Nov/nov 2001 US
(15.11.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR US-
ING POSITION LOCATION TO DIRECT
NARROW BEAM ANTENNAS

• PROCEDE ET APPAREIL PERMET-
TANT D'UTILISER DES EMPLACE-
MENTS DE POSITION POUR DIRIGER
DES ANTENNES A FAISCEAU ETROIT

(71) QUALCOMM INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121-1714 (US).

(72) JUDSON, Bruce, A.; 66 Highland Drive,
San Luis Obispo, CA 93405 (US). RIDDLE,
Christopher; 11041 Ironwood Road, San
Diego, CA 92131 (US).

(74) WADSWORTH, Philip, R. et al. / etc.;
Qualcomm Incorporated, 5775 Morehouse
Drive, San Diego, CA 92121-1714 (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 SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE 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 02/41653 (13) A1

(21) PCT/US01/45310

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 60/248,188 14 Nov/nov 2000 US
(14.11.2000)

(30) 09/992,668 13 Nov/nov 2001 US
(13.11.2001)

(30) 09/992,872 13 Nov/nov 2001 US
(13.11.2001)

(43) 23 May/mai 2002 (23.05.2002)

(54) • SYSTEM FOR REAL-TIME LOCATION
OF PEOPLE IN A FIXED ENVIRON-
MENT

• SYSTEME DE LOCALISATION DE
PERSONNES EN TEMPS REEL DANS
UN ENVIRONNEMENT FIXE

(71) SAFETZONE TECHNOLOGIES COR-
PORATION [US/US]; 22941 Mill Creek
Road, Laguna Hills, CA 92653 (US).

(72) GIRALDIN, Patrick, W.; 498 East Yale
Loop, Irvine, CA 92614 (US). KELLY, Re-
gan, E.; 30 Brownsbury, Laguna Niguel, CA
92677 (US). GIRALDIN, Timothy, W.; 42
Deerwood, Aliso Viejo, CA 92656 (US).

(74) KLEINKE, Bernard, L.; Foley & Lardner,
402 West Broadway, Suite 2300, San Diego,
CA 92101 (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 SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 02/41654 (13) A1

(21) PCT/FI01/00980

(22) 12 Nov/nov 2001 (12.11.2001)

(25) en (26) en

(30) 20002491 14 Nov/nov 2000 FI
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD FOR TRANSMITTING
PACKETS OVER CIRCUIT-SWITCHED
NETWORK

• PROCEDE DE TRANSMISSION DE PA-
QUETS SUR UN RESEAU A COMMU-
TATION DE CIRCUITS

(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) MONONEN, Risto [FI/FI]; Nihtimäen-
tie 15 D 7, FIN-02630 Espoo (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23,
P.O.Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID 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 SK (Utility
model / modèle d'utilité) SL TJ TM TR TT
TZ UA UG US UZ VN YU ZA ZW.

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
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE 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 H04Q 7/22

(11) WO 02/41655 (13) A1

(21) PCT/FI01/00998

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 20002531 17 Nov/nov 2000 FI
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • TRANSMITTING MESSAGES IN
TELECOMMUNICATION SYSTEM
COMPRISING A PACKET RADIO NET-
WORK

• TRANSMISSION DE MESSAGES
DANS UN SYSTEME DE TELECOM-
MUNICATIONS COMPRENANT UN
RESEAU DE RADIO PAR PAQUETS

(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) AALTONEN, Janne [FI/FI]; Ylisenkatu
3 C 21, FIN-33710 Tampere (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23,
P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID 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 SK (Utility
model / modèle d'utilité) SL TJ TM TR TT
TZ UA UG US UZ VN YU ZA ZW ZW.

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
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE 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 H04Q 7/24, G06F 13/00

(11) WO 02/41656 (13) A1

(21) PCT/KR01/01139

(22) 4 Jul/juil 2001 (04.07.2001)

- (25) en (26) en
 (30) 2000/67601 **15 Nov/nov 2000** KR
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • ADVERTISEMENT METHOD USING DOWNLOAD TIME OF HAND-HELD TERMINAL
 • PROCÉDÉ PUBLICITAIRE EXPLOITANT LE TEMPS DE TÉLÉCHARGEMENT D'UN TERMINAL DE POCHE
- (71) **MOBILETOP CO., LTD** [KR/KR]; Younghan Building, 1475-8 Seocho 3-dong, Seocho-ku, Seoul 137-868 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Hee-Seok** [KR/KR]; 3F, 1279-11 Backseok-dong, Ilsan-ku, Goyang-city 411-816 (KR).
- (74) **MOON, Doo-Hyun**; Haesung Building, 11F, 942, Daechi-dong, Kangnam-gu, Seoul 135-283 (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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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- (51)⁷ **H04Q 7/38**
- (11) **WO 02/41657** (13) A1
 (21) PCT/EP01/12509
 (22) **22 Oct/oct 2001 (22.10.2001)**
 (25) de (26) de
 (30) 00124930.9 **15 Nov/nov 2000** EP
(15.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD FOR RELOCATING A POINT OF DIVERSITY IN A MOBILE STATION
 • PROCEDE DE DEPLACEMENT D'UN POINT DE DIVERSITE D'UNE STATION MOBILE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FITER, Bruno** [FR/FR]; 60 avenue d'Alsace, F-22300 Lannion (FR). **GERLICH, Notker** [DE/DE]; Katharina-Eberhard-Str. 12-14, 85540 Haar (DE). **TROCH, Eddy** [BE/BE]; Neerland 1, B-2547 Lint (BE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Wittelsbacherplatz 2, 80333 München (DE).
- (81) CN JP US.

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN JP EP (AT BE CH

CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
 (u) for / pour US only / seulement

- (51)⁷ **H04Q 7/38**
- (11) **WO 02/41658** (13) A1
 (21) PCT/GB01/05059
 (22) **15 Nov/nov 2001 (15.11.2001)**
 (25) en (26) en
 (30) 0028112.1 **17 Nov/nov 2000** GB
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • A METHOD OF PERFORMING SOFT HANDOVER IN A MOBILE COMMUNICATIONS SYSTEM
 • PROCEDE PERMETTANT DE REALISER UN TRANSFERT INTERCELLULAIRE SOUPLE DANS UN SYSTEME DE COMMUNICATION MOBILE
- (71) **UNIVERSITY OF SURREY** [GB/GB]; Guildford, Surrey GU2 7XH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YANG, Xinjie** [CN/CN]; Changji Posts Office, Xinjiang Autonomous Region 83110 (CN). **GHAHERI-NIRI, Shahram** [GB/GB]; 24 Foxglove Gardens, Mellow Park, Guildford, Surrey GU4 7ES (GB). **TAFAZOLLI, Rahim** [GB/GB]; 184 Mulgrave Road, Cheam, Surrey SM2 6JT (GB).
- (74) **MATHISEN, MACARA & CO**; The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41659** (13) A1
 (21) PCT/JP01/10046
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) ja (26) ja
 (30) 2000-350320 **16 Nov/nov 2000** JP
(16.11.2000)
 (30) 2001-12390 **19 Jan/jan 2001** JP
(19.01.2001)
 (30) 2001-19154 **26 Jan/jan 2001** JP
(26.01.2001)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • METHOD OF REGISTERING POSITION OF MOBILE COMMUNICATION TERMINAL, GENERAL CALLING METHOD FOR MOBILE COMMUNICATION TERMINAL AND MOBILE COMMUNICATION SYSTEM

- PROCEDE PERMETTANT D'ENREGISTRER LA POSITION D'UN TERMINAL DE COMMUNICATION MOBILE, PROCEDE D'APPEL GENERAL POUR TERMINAL DE COMMUNICATION MOBILE ET SYSTEME DE COMMUNICATION MOBILE
- (71) **NTT DOCOMO, INC.** [JP/JP]; 11-1, Nagat-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJIWARA, Masumi** [JP/JP]; 18-2-201, Nobi 4-chome, Yokosuka-shi, Kanagawa 239-0841 (JP). **YABUSAKI, Masami** [JP/JP]; 11-1, Shinkashiwa 2-chome, Kashiwa-shi, Chiba 277-0084 (JP). **WATANABE, Yugo** [JP/JP]; 1-40-316, Nakahara 1-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP). **SAWADA, Masahiro** [JP/JP]; 17-5-303, Ushioda-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0041 (JP). **SASADA, Kouji** [JP/JP]; 16-11, Oomachi 5-chome, Kamakura-shi, Kanagawa 248-0007 (JP).
- (74) **KAWASAKI, Kenji**; ASAHI PATENT OFFICE, 7th Fl., Toyo Bldg., 2-10, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (81) CN JP KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ **H04Q 7/38, H04J 3/00**
- (11) **WO 02/41660** (13) A1
 (21) PCT/US01/44132
 (22) **16 Nov/nov 2001 (16.11.2001)**
 (25) en (26) en
 (30) 09/716,026 **17 Nov/nov 2000** US
(17.11.2000)
- (43) 23 May/mai 2002 (23.05.2002)
- (54) • SYSTEM AND METHOD FOR AGGREGATING MULTIPLE INFORMATION CHANNELS ACROSS A NETWORK
 • SYSTEME ET PROCEDE PERMETTANT DE REGROUPER PLUSIEURS VOIES DE TRANSFERT DES INFORMATIONS VIA UN RESEAU
- (71) **NAPALI NETWORKS, INC.** [US/US]; 400 Channing Ave., Palo Alto, CA 94301 (US).
- (72) **SIKORA, John**; 18 Bluefield Road, Lincroft, NJ 07738 (US). **COSTA, Manuel**; 9 Taylor Lake Court, Manalapan, NJ 07726 (US).
- (74) **MALINO, Morgan, E.** et al. / etc.; Carr & Ferrell, LLP, 2225 East Bayshore Road, Suite 200, 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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 02/41661 (13) A2

(21) PCT/US01/47160

(22) 5 Nov/nov 2001 (05.11.2001)

(25) en (26) en

(30) 09/707,565 6 Nov/nov 2000 US
(06.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • METHOD AND APPARATUS FOR PREVENTING ACCESS TO INFORMATION STORED AT A NODE

- PROCEDE ET DISPOSITIF SERVANT A EMPECHER L'ACCES A DES INFORMATIONS MEMORISEES DANS UN NOEUD

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) CHMAYTELLI, Mazen; 1752 Linwood Street #G, San Diego, CA 92110 (US). KHAZAKA, Samir, K.; 1621 Hotel Circle South #E209, San Diego, CA 92108 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ H04Q 9/00

(11) WO 02/41662 (13) A1

(21) PCT/KR01/01538

(22) 13 Sep/sep 2001 (13.09.2001)

(25) en (26) en

(30) 2000/68416 17 Nov/nov 2000 KR
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • POWER SUPPLY DEVICE FOR REMOTE CONTROLLER

- DISPOSITIF D'ALIMENTATION EN PUISSANCE DESTINE A UNE TELECOMMANDE

(71) SHINWOO TECH CO., LTD. [KR/KR]; 608 Samchung-ri, Jooduck-eup, Choongju-si, Choongchungbuk-do 380-880 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LEE, Il, Yeul [KR/KR]; Basement Fl.-01, 610-215, Sinlim 3-Dong, Kwanak-Gu, Seoul 151-013 (KR).

(74) KIM, Yoon, Bae; Kims and Lees, International Patent and Law Offices, Dongduk Building, 8th Floor, 151-8, Kwanhoon-dong, Jongro-ku, Seoul 110-300 (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 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 NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 11/00

(11) WO 02/41663 (13) A2

(21) PCT/US01/51237

(22) 29 Oct/oct 2001 (29.10.2001)

(25) en (26) en

(30) 09/698,666 27 Oct/oct 2000 US
(27.10.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • NON-BLOCKING, SCALABLE OPTICAL ROUTER ARCHITECTURE AND METHOD FOR ROUTING OPTICAL TRAFFIC

- ARCHITECTURE DE ROUTEUR OPTIQUE SCALAIRE NON BLOQUANTE ET PROCEDE D'ACHEMINEMENT

(71) YOTTA NETWORKS, INC. [US/US]; 2201 Avenue K, Plano, TX 75074 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILES, Larry, L. [US/US]; 1117 Vicksburg Drive, Garland, TX 75041 (US). TAMIL, Lakshman, S. [US/US]; 4812 Holly Berry Drive, Plano, TX 75093 (US). ROTHROCK, Scott, A. [US/US]; 3456 Grand Mesa, Plano, TX 75025 (US). POSEY, Nolan, J., Jr. [US/US]; 1201 Thoreau Lane, Allen, TX 75002-2069 (US). AICKLEN, Gregory, H. [US/US]; 520 Lexington Lane, Richardson, TX 75080 (US).

(74) BARRIER, Mark, L.; 1221 S. MoPac Expressway, Suite 400, Austin, TX 78746-6875 (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 7/04

(11) WO 02/41664 (13) A2

(21) PCT/EP01/13304

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/713,898 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • AUTOMATICALLY ADJUSTING AUDIO SYSTEM

- SYSTEME AUDIO A REGLAGE AUTOMATIQUE

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

(72) TRAJKOVIC, Miroslav; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GUTTA, Srinivas; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). COLMENAREZ, Antonio; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHOENMAKER, Maarten; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04R 17/00

(11) WO 02/41665 (13) A1

(21) PCT/US01/43780

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(30) 60/249,133 16 Nov/nov 2000 US
(16.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • COFIRED MULTILAYERED PIEZOELECTRIC CERAMIC MATERIALS WITH BASE METAL ELECTRODES

- MATERIAUX CERAMIQUES PIEZO-ELECTRIQUES MULTICOUCHE A CO-CUISSON AVEC ELECTRODES EN METAL DE BASE

(71) THE PENN STATE RESEARCH FOUNDATION [US/US]; 304 Old Main, University Park, PA 16802 (US).

(72) RANDALL, Clive, A.; 410 South Patterson Street, State College, PA 16801 (US). BAKER, A.; 320 Loop Road, Boalsburg, PA 16827 (US). FANG, Y.; 2307 Quail Run Road, State College, PA 16801 (US). SHROUT, Thomas; 153 Julian Pike, Port Matilda, PA 16870 (US).

(74) GREELEY, Paul, D.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 10th Floor, One Landmark Square, Stamford, CT 06901-2682 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04R 25/00, A61N 1/05

(11) WO 02/41666 (13) A1

(21) PCT/AU01/01479

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) PR 1484 14 Nov/nov 2000 AU
(14.11.2000)

- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● APPARATUS FOR DELIVERY OF PHARMACEUTICALS TO THE COCHLEA
● APPAREIL DE DISTRIBUTION DE PRODUITS PHARMACEUTIQUES A L'ORGANE COCHLEAIRE
- (71) **COCHLEAR LIMITED** [AU/AU]; 14 Mars Road, Lane Cove, NSW 2066 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIBSON, Peter** [AU/AU]; 14 Mars Road, Lane Cove, NSW 2066 (AU).
- (74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (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 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 TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 31/00, 7/02**
- (11) **WO 02/41667** (13) A1
- (21) PCT/JP01/09906
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) ja (26) ja
- (30) 2000-347799 **15 Nov/nov 2000 (15.11.2000)** JP
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● METHOD FOR MANUFACTURING SPEAKER
● PROCEDE DE FABRICATION D'UN HAUT PARLEUR
- (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) **AJIKI, Kenichi** [JP/JP]; 20-2, Nijigaoka-cho, Matsusaka-shi, Mie 515-0042 (JP).
- (74) **IWAHASHI, Fumio** et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN NO SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H04S 3/00**
- (11) **WO 02/41668** (13) A2
- (21) PCT/CA01/01591
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) en (26) en
- (30) 60/248,225 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A METHOD OF AND APPARATUS FOR PRODUCING APPARENT MULTIDIMENSIONAL SOUND
● PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN SON APPARENT MULTIDIMENSIONNEL
- (71, 72) **GODFREY, Mike** [CA/CA]; Suite 200, 258 Adelaide Street, E., Toronto, Ontario M5A 1N1 (CA). **NUCARO, Antonio** [CA/CA]; Suite 200, 258 Adelaide Street, E., Toronto, Ontario M5A 1N1 (CA).
- (74) **FINCHAM, Ian** et al. / etc.; McFadden, Fincham, Suite 606, 225 Metcalfe Street, Ottawa, Ontario K2P 1P9 (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 **H05B 41/00**
- (11) **WO 02/41669** (13) A2
- (21) PCT/EP01/13103
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 09/713,867 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● VOLTAGE REGULATED ELECTRONIC BALLAST FOR MULTIPLE DISCHARGE LAMPS
● BALLAST ELECTRONIQUE A TENSION REGULEE POUR DES LAMPES A DECHARGE MULTIPLES
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **CHANG, Chin**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **STOMMEN, Theodoor, H.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BOSMA, Rudolphus, H., A.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H05B 41/00**
- (11) **WO 02/41670** (13) A2
- (21) PCT/EP01/13260
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (30) 09/713,411 **16 Nov/nov 2000 (16.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● A VOLTAGE-FED PUSH-PULL LLC RESONANT LCD BACKLIGHTING INVERTER CIRCUIT
● CIRCUIT ONDULATEUR SYMETRIQUE LLC POUR RETROECLAIRAGE LCD ALIMENTE EN TENSION
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **CHANG, Chin**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BOSMA, Rudolphus, H., A.**; INTERNATIONAAL OCTROOIBUREAU B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (q1)
-
- (51)⁷ **H05B 43/00**
- (11) **WO 02/41671** (13) A2
- (21) PCT/EP01/13108
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) 09/713,185 **15 Nov/nov 2000 (15.11.2000)** US
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● PROTOCOL ENHANCEMENT FOR LIGHTING CONTROL NETWORKS AND COMMUNICATIONS INTERFACE FOR SAME
● AMELIORATION D'UN PROTOCOLE POUR RESEAUX DE COMMANDE D'ECLAIRAGE ET INTERFACE DE COMMUNICATION ASSOCIEE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **WANG, Shenghong**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BOSMA, Rudolphus, H., A.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H05H 1/34**
- (11) **WO 02/41672** (13) A1
- (21) PCT/KR01/01964
- (22) **16 Nov/nov 2001 (16.11.2001)**
- (25) ko (26) en
- (30) 2000/68029 **16 Nov/nov 2000 (16.11.2000)** KR
- (43) 23 May/mai 2002 (23.05.2002)
- (54) ● APPARATUS FOR FIXING AN ELECTRODE IN PLASMA POLYMERIZING APPARATUS
● APPAREIL DE FIXATION D'UNE ELECTRODE SUR UN APPAREIL DE POLYMERISATION AU PLASMA
- (71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, 151-721 Seoul (KR).

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

(72, 75) **YOUN, Dong-Sik** [KR/KR]; 54-1 Banji-Dong, 641-170 Changwon., Kyoungsangnam-Do (KR). **HA, Sam-Chul** [KR/KR]; Lotte Apt. 13-201, Yongho-Dong, 641-041 Changwon., Kyoungsangnam-Do (KR).

(74) **PARK, Jang-Won**; Jewoo Building 5th Floor, 200., Nonhyun-dong, Kangnam-Ku, 135-010 Seoul (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**

(11) **WO 02/41673** (13) A2

(21) PCT/US01/43553

(22) **14 Nov/nov 2001 (14.11.2001)**

(25) en (26) en

(30) 09/715,723 **17 Nov/nov 2000** US
(17.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ADDING ELECTRICAL RESISTANCE IN SERIES WITH BYPASS CAPACITORS TO ACHIEVE A DESIRED VALUE OF ELECTRICAL IMPEDANCE BETWEEN CONDUCTORS OF AN ELECTRICAL POWER DISTRIBUTION STRUCTURE

● AJOUT DE RESISTANCE ELECTRIQUE EN SERIE AU MOYEN DE CONDENSATEURS DE DERIVATION DE MANIERE A OBTENIR UNE VALEUR SOUHAITEE D'IMPEDANCE ELECTRIQUE ENTRE DES CONDUCTEURS D'UNE STRUCTURE DE DISTRIBUTION D'ENERGIE ELECTRIQUE

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, M/S UPAL 01-521, Palo Alto, CA 94303 (US).

(72) **NOVAK, Istvan**; 81 Apple Ridge Road, Maynard, MA 01754 (US). **ST. CYR, Valerie, A.**; 90 Codman Road, Lincoln, MA 01773 (US). **TETREAULT, Merle**; 41 Beverlee Road, Tyngsboro, MA 01879 (US). **IRISH, Daniel, C.**; 463 Shirley Hill Road, Goffstown, NH 03045 (US).

(74) **KIVLIN, B., Noel**; Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX 78767-0398 (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 PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

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

(51)⁷ **H05K 1/14**

(11) **WO 02/41674** (13) A1

(21) PCT/DE01/04314

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) de (26) de

(30) 100 57 494.7 **20 Nov/nov 2000** DE
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● ARRANGEMENT CONSISTING OF A CIRCUIT CARRIER AND A PRINTED CIRCUIT BOARD, OR A PRINTED CIRCUIT BOARD ASSEMBLY

● DISPOSITIF COMPOSE D'UN PORTE-CIRCUIT ET D'UNE PLAQUETTE OU D'UN SYSTEME DE PLAQUETTES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **LOIBL, Josef** [DE/DE]; Wilhelm-Raabe-Str. 3, 93077 Bad Abbach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP KR US.

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(u) for / pour US only / seulement

(51)⁷ **H05K 3/00, 3/46, B32B 15/08**

(11) **WO 02/41675** (13) A1

(21) PCT/JP01/09907

(22) **13 Nov/nov 2001 (13.11.2001)**

(25) ja (26) ja

(30) 2000-347800 **15 Nov/nov 2000** JP
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR MANUFACTURING CIRCUIT BOARD

● PROCEDE DE FABRICATION DE CARTE DE CIRCUIT IMPRIME

(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) **TATSUMI, Kiyohide** [JP/JP]; 10-26, Higashiasahigaoka, Ikoma-shi, Nara 630-0254 (JP). **NISHII, Toshihiro** [JP/JP]; 7-55-11, Nagaomotomachi, Hirakata-shi, Osaka 573-0163 (JP). **NAKAMURA, Shinji** [JP/JP]; 5-3-1, Hoshidayamate, Katano-shi, Osaka 576-0014 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H05K 3/06, 3/22**

(11) **WO 02/41676** (13) A1

(21) PCT/ES01/00440

(22) **16 Nov/nov 2001 (16.11.2001)**

(25) es (26) es

(30) P200002777 **20 Nov/nov 2000** ES
(20.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● METHOD FOR INCREASING THE DIELECTRIC RIGIDITY AND INSULATING RESISTANCE BETWEEN PRINTED CIRCUIT BOARD TRACKS

● PROCEDE PERMETTANT D'AUGMENTER LA RIGIDITE DIELECTRIQUE ET LA RESISTANCE D'ISOLATION ENTRE DES PISTES DE PLAQUES DE CIRCUIT IMPRIME

(71) **LEAR AUTOMOTIVE (EEDS) SPAIN, S.L.** [ES/ES]; Carrer Fuster, Poligono Industrial, E-43800 Valls (ES).

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

(72, 75) **CUBERO PITEL, Jose, Antonio** [ES/ES]; Carrer Fuster, Poligono Industrial, E-43800 Valls (ES). **GOMEZ FERNANDEZ, Salvador** [ES/ES]; Carrer Fuster, Poligono Industrial, E-43800 Valls (ES).

(74) **PINA SANCHEZ, Carolina**; C/ Jose Abascal 45, E-28003 Madrid (ES).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H05K 7/20**

(11) **WO 02/41677** (13) A2

(21) PCT/EP01/12718

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) de (26) de

(30) 100 56 387.2 **14 Nov/nov 2000** DE
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) ● COOLING DEVICE, METHOD FOR THE PRODUCTION THEREOF, AND DEVICE FOR CARRYING OUT THIS METHOD

● DISPOSITIF DE REFROIDISSEMENT ET PROCEDE DE FABRICATION DUDIT DISPOSITIF, AINSI QUE DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE

(71) **CORUS ALUMINIUM PROFILTECHNICK GMBH** [DE/DE]; Bergstrasse 17, 88267 Vogt (DE).

(72) **GRAF, Werner, J.**; Conradin Kreuzer Strasse 15, 88339 Bad Waldsee (DE). **BUCK, Erich**; Glarenstrasse 49, 88267 Vogt (DE).

(74) **MÜLLER, F., Peter**; Müller, Schupfner & Gauger, Maximilianstrasse 6, 80085 München (DE).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **H05K 9/00**

(11) **WO 02/41678** (13) A1

(21) PCT/EP00/11372

(22) **16 Nov/nov 2000 (16.11.2000)**

(25) en (26) en

(43) 23 May/mai 2002 (23.05.2002)

(54) • PROCESS AND APPARATUS FOR
PRODUCING AN ELECTROMAGNET-
ICALLY SHIELDED HOUSING

• PROCEDE ET APPAREIL PERMET-
TANT DE PRODUIRE UN LOGE-
MENT ELECTROMAGNETIQUEMENT
BLINDE

(71) **INSTRUMENT SPECIALITIES** [US/US];
Shielding Way, Delaware Water Gap, PA
18327-0650 (US).

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

(72, 75) **AIT EL CADI, Mohamed** [FR/FR];
76, rue des Vignolles, F-75020 Paris (FR).
DUCROS, Jean-Alec [FR/FR]; 2, rue des
Pleus, F-77300 Fontainebleau (FR).

(74) **STROBEL, Wolfgang**; Kroher - Strobel,
Bavariaring 20, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DK DM DZ
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 PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); OA (BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG).

(51)⁷ **H05K 9/00**

(11) **WO 02/41679** (13) A2

(21) PCT/US01/46122

(22) **15 Nov/nov 2001 (15.11.2001)**

(25) en (26) en

(30) 60/248,203 **15 Nov/nov 2000** US
(15.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • ELECTROMAGNETIC SHIELD-
ING AND COOLING DEVICE FOR
PRINTED CIRCUIT BOARD

• DISPOSITIF DE BLINDAGE ELECTRO-
MAGNETIQUE ET DE REFROIDISSE-
MENT POUR CARTE A CIRCUIT IM-
PRIME

(71) **LAIRD TECHNOLOGIES, INC.**
[US/US]; Shielding Way, P.O. Box 650,
Delaware Water Gap, PA 18327-0136 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **OLIVER, Michael, J.** [US/US]; 96
Shepard Avenue, Delaware Water Gap, PA
18327 (US). **KLINE, James, E.** [US/US];
23 Sunset Lake Road, Blairstown, NJ 07825
(US).

(74) **LEVY, Gerald** et al. / etc.; Pitney, Hardin,
Kipp & Szuch, L.L.P., 711 Third Avenue, 20th
Floor, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 PL PT RO RU SD SE SG SI
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 ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ **H05K 13/02**

(11) **WO 02/41680** (13) A2

(21) PCT/DE01/03995

(22) **19 Oct/oct 2001 (19.10.2001)**

(25) de (26) de

(30) 100 56 326.0 **14 Nov/nov 2000** DE
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • COMPONENT RELEASE DEVICE
FOR MULTIPLE COMPONENT
TAPES AND RELEASE SYSTEM FOR
PICK-AND-PLACE COMPONENTS

• DISPOSITIF D'EMISSION DE COM-
POSANTS DESTINE A DES BANDES

DE COMPOSANTS MULTIPLES ET
SYSTEME D'EMISSION DE COMPO-
SANTS

(71) **SIEMENS AKTIENGESELLSCHAFT**
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(72) **ESCHENWECK, Friedrich**; Händelstrasse
23, 85622 Feldkirchen (DE). **LIEBEKE,
Thomas**; Gustav-Freytag-Str. 2, 85521 Ot-
tobrunn (DE). **SCHWIEFERT, Michael**;
Rupert-Mayer-Str. 7, 81379 München (DE).
WORZISCHEK, Alexander; Falkenweg 5,
82061 Neuried (DE).

(81) CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Declaration / Déclaration :

(s) for all designations / pour toutes les
désignations

(51)⁷ **H05K 13/04**

(11) **WO 02/41681** (13) A1

(21) PCT/EP01/13046

(22) **8 Nov/nov 2001 (08.11.2001)**

(25) en (26) en

(30) 00203995.6 **14 Nov/nov 2000** EP
(14.11.2000)

(43) 23 May/mai 2002 (23.05.2002)

(54) • DEVICE FOR SUPPLYING ELEC-
TRONIC COMPONENTS TO A
PICK-UP POSITION.

• DISPOSITIF SERVANT A ALIMENTER
UN POSTE DE PRELEVEMENT EN
COMPOSANTS ELECTRONIQUES

(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 RIJST, Ernst, P.** [NL/NL];
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) **BOS, Kornelis, S.**; Internationaal Octrooibu-
reau B.V., Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).